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# FARMER SEED & NURSERY CO.

62.43

FARIBAULT  
MINNESOTA

1935



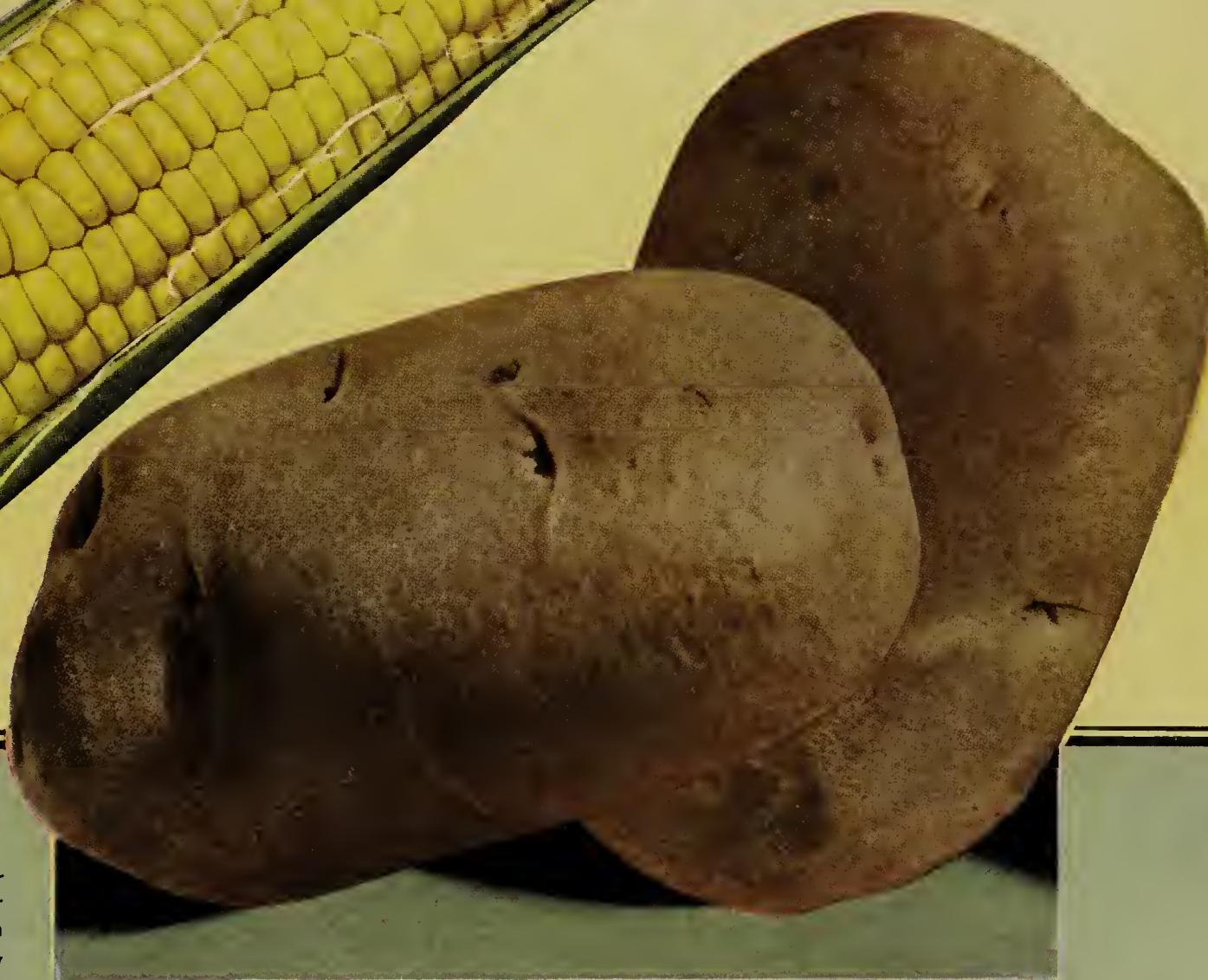
618  
**SCARLET DAWN  
TOMATO**

All-American Gold Medal Winner. Early, large, bright scarlet fruit, globular shape, thick meat. A feature for 1935 gardens. Pkt., 15c;  $\frac{1}{2}$  oz., 50c. See page 23.



202 NEW  
**MINHYBRID  
SWEET CORN**

Newest introduction; five days earlier than Golden Bantam. Ears 6 to 8 inches long, 8- to 10-rowed — kernels golden yellow. Pkt., 10c;  $\frac{1}{2}$  lb., 25c; lb., 45c, postpaid. See page 9.



**WHITE GOLD  
POTATO**

Earliest white Potato grown—earlier than Irish Cobbler, Early Ohio or Triumph. A big yielder. Now within reach of all planters. 10 lbs., 75c, postpaid to 3rd zone (300 miles). See page 20 for quotations on larger quantities.

# For 1935 Prize Gardens

## 9—Faribault Brittle Wax Beans

The very finest wax bean—round podded and stringless. An abundant yielder of tender, succulent, buttery-flavored beans. Also a good winter shell bean. Pkt., 8c;  $\frac{1}{2}$  lb., 20c; 1 lb., 35c, prepaid. See page 3.

## 475—New Tender Giant Peas

Sweetness and quality that can't be beat! A midseason heavy cropper. Wide pods with 6 to 8 large delicious peas. Pkt., 10c;  $\frac{1}{2}$  lb., 25c; 1 lb., 45c, postpaid. See page 17.

## 616—Oxheart Tomato

A splendid salad tomato. Fruits extremely large, heart-shaped, pink, very solid, meaty, of mild flavor. Pkt., 10c;  $\frac{1}{2}$  oz., 35c; 1 oz., 60c, prepaid. See page 23.



No. 616.



No. 9.

## 266—Hybrid White Spine Cucumber

A handsome dark green cuke with crisp, firm flesh. Of excellent table quality, retains its color and firmness a long time. Pkt., 8c; oz., 20c;  $\frac{1}{4}$  lb., 70c; 1 lb., \$2.25, prepaid. See page 8.

### SPECIAL OFFER COLLECTION A

Your choice of three 8c pkts. and two 10c pkts. for 35c.

Entire Collection A—8 pkts., one of each, value 77c, prepaid  
for ..... 60c

## 530—Extra Early Saxa Radish

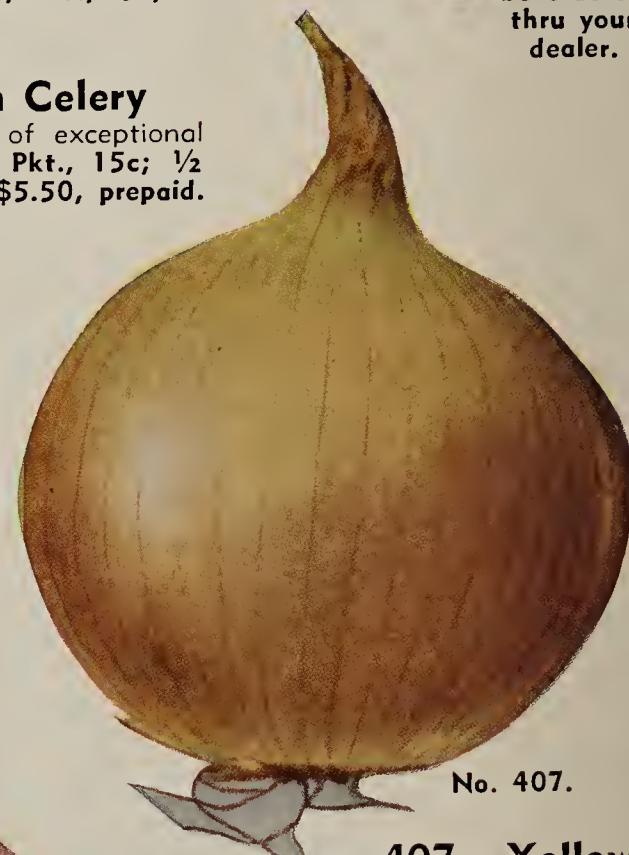
The earliest radish of all—of bright scarlet color with small tops. Flesh is white, crisp and mild. Pkt., 8c; oz., 12c;  $\frac{1}{4}$  lb., 25c; 1 lb., 85c, prepaid. See page 21.

## 198—Michigan Golden Celery

A new yellow resistant strain of exceptional quality. No failure with this one. Pkt., 15c;  $\frac{1}{2}$  oz., \$1.00; 1 oz. \$1.75;  $\frac{1}{4}$  lb., \$5.50, prepaid. See page 7.

## 173—Imperator Carrot

Uniform and tapered. Semi-blunt end. Flesh rich orange, fine grained, tender. Pkt., 8c; oz., 18c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.35, prepaid. See page 5.



No. 407.  
407—Yellow  
Globe Danvers  
Onion

Fine grained, crisp and mild. A splendid keeper. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 85c; 1 lb., \$3.25, prepaid. See page 15.



# *The Cream of the* **1935 ALL-AMERICAN SELECTIONS** **IN VEGETABLES and FLOWERS**

## **GOLD MEDAL and AWARD WINNERS**

FEATURED IN ALL THE LEADING MAGAZINES  
AND NEWSPAPER GARDEN SECTIONS



After trials in ten different sections, the All-American Council of the American Seed Trade Association announces the prize winners for 1935.

We have selected the most outstanding introductions, and they are offered for the first time for your enjoyment.

### **« To Have A 1935 Model Garden, THESE Should Be Included »**

**KLONDYKE COSMOS—ORANGE FLARE**—The Grand Champion, or first Gold Medal winner. A new early flowering strain of Cosmos, blooming in 4 months from seed. Marigold-like foliage, 2-3 ft. tall, bushy and deep brilliant orange color. Profuse bloomer, even in Canada. Pkt. 25c. See page 47.

**NASTURTIUM— SCARLET GLEAM**—Second Gold Medal winner. A rich scarlet counterpart to Golden Gleam, which was a 1933 Gold Medal winner. Dwarf type—bushy with few short runners. Ruffled petals, semi-double—profusely flowering—sweet scented. Don't miss this one. Pkt. 25c. See page 50.

**CALENDULA—ORANGE SHAGGY**—1935 Gold Medal winner. A new type with laciniated petals. Orange in color. Exceedingly graceful and the most outstanding Calendula so far introduced. Pkt. 25c. See page 46.

**ZINNIA—FANTASY**—Award of Merit winner. The most striking novelty of all—of curled and crested type, quilled and twisted in a mixture of colors. Grows 2 to 2½ ft. tall. Medium large in size. Free flowering. Excellent for cutting. Grows anywhere. Pkt. 25c. See page 54.

**NASTURTIUM—GLORIOUS GLEAM HYBRIDS**—Award of Merit winner. A hybrid mixture of many striking colors and blends. Half dwarf, semi-double, ruffled, fragrant flowers—excellent for border planting or cutting. Pkt. 25c. See page 50.

**TOMATO—SCARLET DAWN**—Gold Medal winner. A new wilt and rust-resistant, deep red Tomato. Globe shaped, earlier and rounder than Scarlet Topper. Thick meaty, very prolific. Pkt. 15c. See page 23.

**CUCUMBER—STRAIGHT EIGHT**—Gold Medal winner. Symmetrical—almost cylindrical variety. Dark green color. Very prolific. Ideal size for home or market. Seed very limited. Pkt. 15c. See page 8.

**NEW VIKING SPINACH**—All-American Award of Merit winner. Highly valuable for home garden or market. Vigorous grower—large leaves, semi-crinkled—dark green color, long standing. Oz. 15c. See page 22.

**NEW MINHYBRID SWEET CORN**—An outstanding Minnesota introduction—five days earlier than normal Golden Bantam—surpassing it in quality and yield. Ears 6 to 8 inches long; 8 to 10 rowed. Golden yellow color, uniform in size and maturity, with flavor unsurpassed. Pkt. 10c. See page 9.

### **SPECIAL OFFER**

One packet each these five New "All-American" Flowers for \$1.10

One packet each these four New Vegetables 50c.

Entire collection, nine packets, one of each, for \$1.40 prepaid.

Use Order Blank on  
Other Side.

**FARMER SEED & NURSERY CO.,**

**» FARIBAULT, MINNESOTA**

# Order Blank » Special Offers "All-American" Selections

TO FARMER SEED & NURSERY CO.

FARIBAULT, MINNESOTA

Check   
Here

<input type="checkbox"/>	Send me the 5 "All-American" Flower Selections for 1935.....	Price \$1.10
<input type="checkbox"/>	Send me the 4 Outstanding Vegetables for 1935.....	Price .50
<input type="checkbox"/>	Send me both the above collections.....	Price 1.40

Name..... Box.....

City..... State..... R. R.....

Enclosed Find

\$.....

In

Check

Draft

M. O.

In full payment

Do not write in this space.

## NOTICE! We Will Accept "Relief Orders" for Seeds

Relief Orders for Garden Seeds will be accepted when issued by any State, County or Relief Agency or Office, in exchange for Vegetable Seeds, at prices named in this catalog.

The Relief Order you send us must be on printed form of Relief Office—must have written or printed on it, the amount it is good for in dollars and cents, and signed by the authorized relief agent.

The printed form should show that it is issued by State, County, or City Relief Office and signed by the Relief Officer—also by the person ordering the seeds in the place for signing for receipt of seeds.

Vegetable Seeds selected must be for quantities not larger than one pound of any one variety. We need your help in directing Relief Orders to us, and we thank you for your cooperation.

FARMER SEED & NURSERY CO., « » FARIBAULT, MINNESOTA

NOTE—These prices are exceptionally low and may have to be advanced at any time—Order early.

# BLUE FIGURE PRICE LIST

Prices subject to market changes, stocks being unsold; bags included in weight.

THE FARMER SEED & NURSERY CO. guarantee all Red and Alsike Clover, also every lot of Alfalfa offered, to be strictly native or northern grown seed, but give no warranty, express or implied, as to the descriptions, productiveness, or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. Purity and germination tests are given for guidance only, and without guarantee. If the purchaser does not accept goods on these terms, they are to be returned at once. All prices are F. O. B. Faribault.

FARMER SEED & NURSERY CO., FARIBAULT, MINN., Jan. 22, 1935

## Specials for Early Orders Only—These Lots Will Be Snapped Up Early

### LOT "HAPPINESS" TIMOTHY AND ALSIKE MIXTURE

CROP VERY SHORT — ORDER EARLY

This mixture contains 20-25% Alsike Clover, best quality, no noxious weeds—the balance, Timothy, and grows practically anywhere, even on slightly acid soil. No other mixture can equal lot "Happiness" at the prices offered.

Prices: 25 lbs. \$6.60, 50 lbs. \$12.90, 100 lbs. \$24.50

### LOT "ECONOMY" SWEET CLOVER

Purity, 99 to 99.50%. Germination, 90%

There is no better value in Sweet Clover Seed and it will produce a wonderful pasture or hay crop and add great fertility to the soil. This is a fine lot of seed, free from noxious weeds, of high purity and germination.

Prices: Peck \$1.70, 1/2 Bu. \$3.25, Bu. \$6.45, 100 lbs. \$10.50

### LOT "GOLD COIN" COSSACK ALFALFA

— REGISTERED AND STATE SEALED —

Purity, 99%. Germination, 95%. Montana Grown.

Cossack has proven its value as a producer of more and finer quality hay. In order to give more growers an opportunity to get started with Cossack we are offering this special lot to early purchasers at a very low price. Don't delay sending your order.

Prices: Peck \$5.25, 1/2 Bu. \$10.20, Bu. \$20.30, 100 lbs. \$33.50

### MINNESOTA-GROWN CLOVER

#### FREE FROM NOXIOUS WEEDS

(Bu. 60 lbs.)	Purity	Peck	Bu.	100 lbs.
Prices include bags				
MEDIUM RED	%			
Master Farmer Brand	99.35	\$4.15	\$16.00	\$26.50
Fancy	98	4.00	15.45	25.50
MAMMOTH CLOVER				
Master Farmer Brand	99.50	4.30	16.65	27.50
WHITE DUTCH CLOVER				
Fancy	99	5.00	19.35	32.00
ALSIKE CLOVER				
Master Farmer Brand	99	4.80	18.75	31.00
Fancy	98	4.70	18.15	30.00
SWEET CLOVER, WHITE BLOSSOM				
Master Farmer Brand	99.50	1.80	6.70	11.00
Fancy	99.25	1.65	6.10	10.00
SWEET CLOVER, GRUNDY COUNTY				
Master Farmer Brand	99.50	1.85	6.90	11.25
Fancy	99.25	1.70	6.50	10.75
SWEET CLOVER, YELLOW BLOSSOM				
Master Farmer Brand	99.50	1.90	7.05	11.50
SWEET CLOVER, HUBAM ANNUAL WHITE				
Master Farmer Brand	3.75	14.60	24.00	
HARBIN LESPEDEZA—U. S. D. A. STRAIN No. 65280				
1 lb. \$1.50, 5 lbs. \$6.25, Peck \$15.00.				

Prices include sacks	25 Lbs.	50 Lbs.	100 Lbs.
TIMOTHY (Bu. 45 lbs.)			
Master Farmer Brand	\$6.15	\$12.15	\$24.00
Fancy	5.95	11.65	23.00
TIMOTHY AND ALSIKE (Bu. 50 lbs.)			
20-25% Alsike	6.60	12.90	25.50
30-35% Alsike	6.85	13.40	26.50
BROMUS INERMIS—Extra Fine Quality	9.00	17.70	35.00
REED CANARY GRASS—SEALED BAGS, 90c per lb.	44.00	85.00	
DOMESTIC RYE GRASS	3.00	5.75	11.00

### LOT "SUNSHINE" REGISTERED AND STATE SEALED GRIMM ALFALFA

BLACKFOOT BRAND

In states where winter climate affects Alfalfa, Experiment Stations are urging growers to plant Grimm Alfalfa. This lot represents genuine State Sealed Grimm of very high purity and germination which will give you protection against severe winter temperatures as well as heat and drought damage.

Prices: Peck \$5.20, 1/2 Bu. \$10.15, Bu. \$20.00, 100 lbs. \$33.00

### LOT "SURPRISE" IDEAL SILO CORN

Like the early bird, the grower who takes advantage of this offer will profit handsomely. The catalog price will be higher and you are going to want Ideal Silo Corn when you find what others think of it and the profits it is making for growers. We have reserved 500 bushels for early orders and until sold, here are the special prices:

Prices: Bu. \$2.65; 5 Bu. @ \$2.60

### LOT "SURE HARDY" VARIEGATED ALFALFA

Purity, 99%. Germination, 95%. Minnesota and Montana Grown.

This is surely hardy seed, just as its name implies. It comes from fields that have withstood many severe winters during the past 30 years. It has a high purity and germination, free from noxious weeds, and nowhere can you find a greater value in hardy Alfalfa Seed. We have a limited amount of this lot available.

Prices: Peck \$4.95, 1/2 Bu. \$9.75, Bu. \$19.35, 100 lbs. \$32.00

### ALFALFAS—U. S. VERIFIED ORIGIN

(NOTE—Registered and State Sealed Grimm is put up in 30-lb., 50-lb., 60-lb. and 100-lb. Sealed Bags.)

	Purity	Peck	Bu.	100 lbs.
DAKOTA NO. 12, MINNESOTA OR MONTANA GROWN				
Master Farmer Brand	99	\$4.95	\$19.35	\$32.00
MONTANA ALFALFA				
Master Farmer Brand				
Master Farmer Brand	99	4.95	19.35	32.00
NORTHWESTERN MINNESOTA OR MONTANA GROWN				
(Not to be confused with Kansas or Nebraska grown seed)	99	4.80	18.75	31.00
GRIMM—MONTANA or IDAHO STATE SEALED AND REGISTERED				
Blue Tag	99.50	5.40	21.15	35.00
GRIMM—BLACKFOOT BRAND—STATE SEALED AND REGISTERED				
Blue Tag	99.50	5.35	20.85	34.50
Red Tag	99	5.20	20.25	33.50
GRIMM—MINNESOTA STATE SEALED AND REGISTERED				
Blue Tag	99.50	5.50	21.45	35.50
GRIMM—MONTANA OR MINNESOTA GROWN				
(Not for sale in Minnesota or Wisconsin)	Growers' Affidavit	99	5.00	19.65
				32.50
VARIEGATED—MINNESOTA, MONTANA AND SOUTH DAKOTA GROWN (Similar to Grimm)				
Master Farmer Brand	99	5.00	19.65	32.50
COSSACK—MONTANA GROWN, Growers' Affidavit				
Master Farmer Brand	99	5.10	19.95	33.00
COSSACK—MONTANA GROWN STATE SEALED AND REGISTERED				
Blue Tag	99.50	5.40	21.15	35.00
Red Tag	99.25	5.25	20.55	34.00
LADAK—Reg.—Blue Tag	99.50	16.50		
1 lb. \$1.25, 5 lbs. \$5.75 postpaid.				

### HARDY GRASSES

Prices include sacks	25 Lbs.	50 Lbs.	100 Lbs.
KENTUCKY BLUE GRASS			
Master Farmer Brand	\$6.40	\$12.65	\$25.00
Extra Fancy	6.15	12.15	24.00
CREEPING BENT, "FAMOUS COOS COUNTY"			
1-5 lbs. @ \$1.30 lb., 10 lbs. @ \$1.20 lb...	25.00		
MEADOW FESCUE	5.25	10.15	20.00
RED TOP			
Master Farmer Brand	4.15	8.10	16.00
Fancy			
LAWN MIXTURES—See page 56			
ALL SEASON PASTURE AND MEADOW MIXTURE	6.75	13.00	25.00
MIXTURE FOR LOW WET GROUND	6.75	13.00	25.00
PERMANENT HOG PASTURE	6.50	12.50	24.00
ANNUAL HOG PASTURE	2.00	3.65	7.00

# Farmer Seed & Nursery Co's Blue Figure Price List

## IMPROVED SEED GRAINS

Prices include sacks	Peck	Bu.	5 Bu.	10 Bu.	@	@
<b>WHEAT (Bu. 60 lbs.)</b>						
Hope—Rust and Smut Resistant..	\$0.65	\$2.35	\$2.30	\$2.25		
Thatcher, Rust Resistant, Registered	.75	2.75	2.70	2.65		
Ceres Rust Resistant.....	.55	1.85	1.80	1.75		
Marquis Type, Minn.....	.55	1.85	1.80	1.75		
Mindum Durum.....	.65	2.35	2.30	2.25		
Minturki, Winter.....	.55	1.85	1.80	1.75		
<b>SPELTZ OR EMMER (Bu. 40 lbs.)</b>						
	.45	1.35	1.30	1.25		
<b>OATS (Bu. 32 lbs.)</b>						
Minrus, Rust Resistant, Certified..	.35	1.05	1.00	.95		
New Anthony, Rust Resistant..	.35	1.10	1.05	1.00		
Logold, Rust Resistant, Certified..	.35	1.10	1.05	1.00		
Logold, Not Certified.....	.35	1.05	1.00	.95		
Swedish Select Wls. No. 5.....	.35	1.10	1.05	1.00		
Iowa No. 105.....	.35	1.05	1.00	.95		
Early Minnesota White.....	.35	1.00	.95	.90		
Gopher Certified.....	.35	1.05	1.00	.95		
Gopher, Not Certified.....	.35	1.00	.95	.90		
White Kherson.....	.35	1.00	.95	.90		
<b>BARLEY (Bu. 48 lbs.)</b>						
New Era White Hullless.....						
Velvet, Minn. No. 447, Certified..	\$0.50	1.65	1.60	1.55		
Velvet, Minn. No. 447, Not Certified	.45	1.55	1.50	1.45		
Glabron, Minn. No. 445, Certified..	.45	1.55	1.50	1.45		
Glabron, Minn. No. 445, Not Certified	.40	1.45	1.40	1.35		
Wis. Pedigree No. 38, Certified..	.50	1.70	1.65	1.60		
Wis. Pedigree No. 38, Not Certified	.45	1.60	1.55	1.50		
<b>SPRING RYE (Bu. 56 lbs.)</b>						
	.60	2.00	1.95	1.90		
<b>ROSEN WINTER RYE</b>						
	.50	1.60	1.55	1.50		
<b>FLAX (Bu. 56 lbs.)</b>						
Red Wng, Certified, Rust and Wilt Resistant.....	.95	3.35	3.30	3.25		
Red Wng, Not Certified.....	.90	3.05	3.00	2.95		
Winona, Wilt Resistant.....	.90	3.05	3.00	2.95		
Elson, Rust and Wilt Resistant.....	.90	3.05	3.00	2.95		
Buda, Rust and Wilt Resistant.....	.85	2.95	2.90	2.85		
Common.....	.85	2.95	2.90	2.85		
<b>BUCKWHEAT (Bu. 50 lbs.)</b>						
Japanese.....	.45	1.45	1.40	1.35		
Silver Hull.....	.45	1.45	1.40	1.35		

## RAPE, CANE, KAFFIR CORN, MILLET

	10 Lbs.	25 Lbs.	50 Lbs.	100 Lbs.
<b>RAPE</b>				
Dwarf Essex.....	\$0.90	\$1.80	\$3.25	\$6.00
Dwarf Victoria.....	.95	1.90	3.50	6.50
<b>SUGAR CANE</b>				
Minnesota, Early Amber.....	.85	2.15	4.10	8.00
Waeonia Orange.....	.80	1.90	3.50	6.75
Fodder Cane.....	.80	1.90	3.50	6.75
<b>KAFFIR CORN</b>				
	.75	1.55	2.85	5.50
<b>FETERITA</b>				
	.80	1.90	3.60	7.00
<b>SUDAN GRASS, MINN. GROWN, CERT.</b>				
	1.75	3.65	7.10	14.00
<b>SUDAN GRASS</b>				
	1.60	3.50	6.75	13.00
<b>SUNFLOWER</b>				
Dwarf Northern.....	1.15	2.25	4.25	8.00
Mammoth Russian.....	1.00	2.00	3.70	7.25
<b>MILLET</b>				
Golden or German Southern Grown..	.85	1.90	3.50	6.50
Siberian.....	.80	1.80	3.25	6.00
Hungarian.....	.90	2.00	3.75	7.00
Common.....	.65	1.55	2.90	5.50
Japanese (Billion Dollar Grass).....	.85	1.80	3.50	6.50
White Proso or Hog.....	.65	1.40	2.60	5.00
Early Fortune.....	.65	1.40	2.60	5.00
Turghai—Proso.....	.90	1.80	3.25	6.00
<b>HEMP</b>				
Minnesota Grown.....	1.00	2.20	4.00	7.50

ASK FOR FREE CIRCULAR

## FIELD BEANS, PEAS, VETCHES

(Bu. 60 lbs.)	Peck	Bu.	100 Lbs.
<b>Canada Yellow Field Peas</b>			
Chancellor, Early Certified.....	\$0.95	\$3.25	\$5.25
Master Farmer, Not Certified.....	.90	3.00	4.75
<b>Field Beans, Great Northern (See page 3).</b>			
<b>Field Beans, Robust Navy (See page 3).</b>			
Vetches, Hairy or Winter (Mch. Grown).....	2.15	8.00	17.50

## MINNESOTA-GROWN SEED CORN

Double Cross Hybrid Corn in peck,  $\frac{1}{4}$  bu. and 1 bu. State Sealed Bags; all other Certified Seed Corn in 1 bu., 2 bu. and  $2\frac{1}{2}$  bu. State Sealed Bags.

Grown by us in Rice and Le Sueur Counties, Minnesota.

GERMINATION 95% and over—FIRE CURED

Prices include bags (Bu. 56 lbs.)	Peck	Bu.	5 Bu.	10 Bu.	@	@
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### NEW HYBRID VARIETIES

Mlnhybrid No. 401 E. x K., Butts or Tlps, Certified.....		\$1.75	\$6.00	\$5.90		
Mlnhybrid No. 401 E. x K., Certified, Graded.....		1.80	6.50	6.40		
Mlnhybrid No. 301 E. x B164, Certified, Graded.....		2.25	8.00	7.90		
Mlnhybrid No. 301 E. x B164, Butts or Tlps, Certified.....		2.00	7.00	6.90		
Mlnhybrid No. 402 E. x I., Certified, Graded.....		2.00	7.00	6.90		
Mlnhybrid No. 402 E. x I., Butts or Tlps, Certified.....		1.90	6.50	6.40		
Wls. Hybrid No. 520.....		2.00	7.00	6.90		
Wls. Hybrid No. 550.....		2.00	7.00	6.90		

For Southern Wis., Southern Minn. and Northern Iowa.

Wls. Hybrid No. 450.....

Wls. Hybrid No. 451.....

For Central Minn., Wls. and So. Dak.

Golden Jewel, Certified.....	.95	3.35	\$3.30	\$3.25		
Golden Jewel, Not Certified.....	.90	3.10	3.05	3.00		
Golden King, Certified.....	.95	3.35	3.30	3.25		
Golden King, Not Certified.....	.90	3.10	3.05	3.00		
Minnesota No. 13, Central Strain, Certified.....	.95	3.25	3.20	3.15		
Minnesota No. 13, Central Strain, Not Certified.....	.85	3.00	2.95	2.90		
Minnesota No. 13, Large Type, Certified.....	.95	3.25	3.20	3.15		
Minnesota No. 13, Large Type, Not Certified.....	.85	3.00	2.95	2.90		
Minnesota No. 13, Haney's Extra Early Strain, Certified.....	1.40	5.10	5.05	5.00		
Early Murdock, Golden Dent, Certified.....	.95	3.25	3.20	3.15		
Early Murdock, Golden Dent, Not Certified.....	.85	3.00	2.95	2.90		
Golden Glow, Wis. 12, Early Type.....	.85	3.00	2.95	2.90		
Minnesota Ideal, Certified.....	.95	3.25	3.20	3.15		
Minnesota Ideal, Not Certified.....	.85	3.00	2.95	2.90		
Silver King, Wls. No. 7.....	.85	3.00	2.95	2.90		
Rustler White Dent, Not Certified.....	.85	3.00	2.95	2.90		
Northwestern Dent, Extra Early Crookston Strain, Certified.....	1.65	6.10	6.05	6.00		

## FODDER CORN

Peck	Bu.	5 Bu.	10 Bu.	@	@
F. S. & N. Co's Ideal Silo, Master Farmer.....	\$0.85	\$2.90	\$2.85	\$2.80	
Early or Late Yellow Dent Fodder.....	.70	2.35	2.30	2.25	
Yellow Dent, Butts or Tlps.....	.65	2.25	2.20	2.15	
Early Murdock, Butts and Tlps.....	.65	2.25	2.20	2.15	
Evergreen Sweet Fodder Corn (Bu. 48 lbs.)</td					

# HELP YOURSELF to Bigger Income



Faribault, Minn., January 15, 1935.  
*Once Again—Greetings to Our Many Friends*

Just a year ago I stated you were facing the brightest year in many, and that new money would start circulating from the farm.

Today you are realizing this prediction. Farmers have received larger incomes the last three or four months than at any time in four years. The lowest point for 1934 was 390 million dollars, reached in April last. From then on a steady increase has brought the farm income up to 700 million dollars at the present time.

True enough—chiefly government money, but given a normal year, coupled with the new-born courage—the wise selection of crops that pay—and 1935 may well be the outstanding year of your life.

To help make this possible, we present you with this book from which we hope you may profit.

E. J. KIEKENAPP, President and Gen. Mgr.



## Ordering Seed From This Annual Is Easy and Certain

### INDEX ON —PAGE 76—

**USE OUR ORDER SHEET.** It will help us and save time in filling your order. Write any instructions on a separate sheet.

**KEEP A COPY OF YOUR ORDER AND CHECK IT WHEN IT ARRIVES.** We take every care in filling all orders correctly. However should you find anything unsatisfactory, advise us at once—we are always willing to make things right. Be sure to write your name and address plainly.

**SENDING MONEY.** Postoffice money orders, bank drafts or express money orders are always safe. Stamps up to \$1.00 are acceptable. Never send cash in a letter unless registered. Doing so will be at your own risk.

Please don't send checks under \$1.00—send stamps or cash. Allow 10c exchange on all checks to cover charges by banks. We will include extra seeds to adjust.

**PARCEL POST SHIPMENTS.** Packages weighing 70 pounds can be sent into all zones. Poisons cannot be sent by mail. We prepay postage and express charges on items marked prepaid in the catalog. Orders of ten pounds or more to the 5th zone, or farther, usually travel more cheaply by express than parcel post.

#### PARCEL POST RATES.

Zone	Distance up to	Pound	Additional
1st. and 2nd	...150 miles	8c	1c
3rd	150- 300 miles	9c	2c
4th	300- 600 miles	10c	4c
5th	600-1,000 miles	11c	6c
6th	1,000-1,400 miles	12c	7c
7th	1,400-1,800 miles	14c	9c
8th	...over 1,800 miles	15c	11c

In estimating parcel post charges be sure to make allowance for packing. A fraction of a pound takes full pound rate. Faribault is 50 miles south of St. Paul.

**OUR RESPONSIBILITY.** For 47 years we have given all of our customers a square deal and refer you to any bank in Faribault.

**OUR GUARANTEE.** We sell dependable, carefully tested seeds only. Should failures result from any fault of the seed, we will refund your money. Seeds, Trees, Bulbs and Plants are subject to climatic conditions over which we have no control, therefore the Farmer Seed & Nursery Co. gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any Seeds, Plants or Bulbs they sell and they will not be responsible for the crop.

#### C. O. D. SERVICE

For your convenience we offer to ship Garden and Flower Seeds C. O. D. Simply pay the postman or Express Co. the amount due, on delivery, plus a small charge for returning the remittance. No money need be sent with the order except for Farm Seeds or perishable articles, such as Potatoes, Bulbs or Nursery Stock, in which case send 25% of the amount due, with the order.

**FREIGHT AND EXPRESS SHIPMENTS.** We have excellent shipping facilities. State whether you want freight or express shipment made. Transportation charges are paid by the customers, except on items marked postpaid. If no shipping instructions are given, we will use our best judgment.

**POTATOES, ONIONS, BULBS, PLANTS AND NURSERY STOCK** are shipped when weather conditions permit, and customers are then notified of shipment.

**SAFE DELIVERY ASSURED.** Should a shipment reach you in bad condition, notify us at once. Have agent make proper notations on your expense bill. If yours is a prepaid station, full transportation charges must be sent with the order.

Farm relief and government adjustment of prices—all have been factors in bringing better times to the farm.

But—when it comes right down to it, it's up to YOU whether you make money this season or not. It's up to your own wise choice of the use you will make of your acres, the crops you will put in and the kind of seed you will plant.

This 1935 Master Farmer Seed Annual has been written to help you. Everything in this book has been carefully tested and will be found exactly as described. Use this book, for you can depend on it.



N. C. BIETER  
VICE PRES.  
MGR. FARM SEED DEPT.



CHAS. DAUPHINE  
SECY-OFFICE MGR.



L. P. VASSAR  
SEED ANALYST AND CORN BREEDER



GEO. SIEVERS  
MGR. GARDEN AND  
FLOWER SEED DEPT.

## NOTICE! We Will Accept "Relief Orders" for Seeds

Relief Orders for Garden Seeds will be accepted when issued by any State, County or Relief Agency or Office, in exchange for Vegetable Seeds, at prices named in this catalog.

The Relief Order you send us must be on printed form of Relief Office—must have written or printed on it, the amount it is good for in dollars and cents, and signed by the authorized Relief Agent.

The printed form should show that it is issued by State, County, or City Relief Office and signed by the Relief Officer—also by the person ordering the seeds in the place for signing for receipt of seeds.

Vegetable Seeds selected must be for quantities not larger than one pound of any one variety. We need your help in directing Relief Orders to us, and we thank you for your co-operation.

**FARMER SEED & NURSERY CO., FARIBAULT, MINNESOTA**

These men  
will see that  
you are fully  
satisfied—or  
refund your  
money.



Every item is carefully tested and checked  
before we recommend it to you . . .

## Visit Our Trial Gardens

U. S. Highway No. 65 takes you to our Trial Gardens. They are at the north city limits of Faribault. Here, all varieties of Vegetable and Flower Seeds are tested for type, germination and productiveness. Visitors are always welcome to inspect the gardens—all varieties are plainly labelled so that notes may be taken. Leading dealers throughout the Northwest sell our standard varieties of Garden and Flower Seeds.

## Valuable Garden Books Free

"Make the Garden Pay," an 80-page book every customer will want—tells in condensed form how to get the most out of your garden. Written by experts, fully illustrated. Gives cultural directions and information regarding vegetable storage, insect enemies, hotbed making, etc. Not a seed catalog, but a complete instruction book.

"Better Gardening," a 64-page book which discloses the secrets of better gardening, the tools to use, soil preparation, fertility and cultivation, weeds, pruning, perennial borders, rock gardens, lily pools, bulbs and house plants, lawns, shrubs and trees, fruits and berries, insects and disease pests. Contains many valuable charts and illustrations.

Your choice of either book, given free with a \$1.00 order of vegetable or flower seeds, or a \$2.00 order of farm seeds. Be sure to name your choice in ordering.

The number of days from planting seeds (or setting plants) to marketable condition, given here, represents average results, under normal conditions, secured over a period of years. These figures will vary somewhat in different localities. However, they indicate the relative earliness of varieties.

## BUSH BEANS Green Podded

One pound will plant about 50 hills—90 pounds will plant an acre.  
See culture on page 3.

**21. NEW TENDERGREEN STRINGLESS**—(54 days.) A new bean so tender and snappy it fairly melts in your mouth! Excellent for home or market. Pod: 6 inches long,  $\frac{3}{8}$  inches wide; round, fleshy, dark green, strictly stringless and of fine quality. Plant: large, erect and productive. Seed: brown, mottled and blotched with light fawn. (See inside back cover.) Pkt. 8c,  $\frac{1}{2}$  lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid: 5 lbs. \$1.30, 15 lbs. at 23c per lb.

**22. GIANT STRINGLESS GREEN POD**—(54 days.) The large size and excellent shipping qualities of this bean make it one of the favorite stringless green-podded varieties for market. It is also becoming very popular for the home garden and for canning. Pod: 6  $\frac{1}{4}$  inches long,  $\frac{1}{2}$  inch wide; round, meaty, strictly stringless and brittle; color: medium green. Plant: large, sturdy and prolific. Seed: oval, solid yellowish brown. Pkt. 5c,  $\frac{1}{2}$  lb. 17c, lb. 30c, 2 lbs. 55c, prepaid.—Not prepaid: 5 lbs. \$1.10, 15 lbs. at 20c per lb.

**25. BURPEE'S STRINGLESS GREEN POD**—(52 days.) Gardeners and canners value this perfectly stringless and fiberless bean for its excellent quality. It sells readily on the market, and for cut beans for canning, it can't be beat. Pod: 6 inches long,  $\frac{1}{2}$  inch wide; medium green and round. Plant: large, erect, very productive. Seed: coffee-brown. Pkt. 5c,  $\frac{1}{2}$  lb. 17c, lb. 30c, 2 lbs. 55c, prepaid.—Not prepaid: 5 lbs. \$1.10, 15 lbs. at 20c per lb.

**27. BOUNTIFUL**—(49 days.) A bountiful yielder of extra early, good quality, green, stringless beans. For home garden and for early market, Bountiful is unsurpassed. Pod: 6  $\frac{3}{4}$  inches long,  $\frac{1}{2}$  inch wide; flat, light green, stringless and of fine quality. Plant: medium large and prolific. Seed: yellow straw color. Pkt. 8c,  $\frac{1}{2}$  lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid: 5 lbs. \$1.25, 15 lbs. at 22c per lb.

**28. IMPROVED STRINGLESS BLACK VALENTINE**—(49 days.) The outstanding features of the original Black Valentine are its earliness, resistance to blight, and especially its excellent shipping qualities. Now, in our new "Improved Strain" we add the stringless feature which makes this a truly remarkable sort. Pod: 6  $\frac{1}{2}$  inches long,  $\frac{3}{8}$  inch wide; oval, dark green, uniform, attractive and stringless. Plant: large-leaved, erect and prolific. Seed: oblong, jet black. Pkt. 5c,  $\frac{1}{2}$  lb. 17c, lb. 30c, 2 lbs. 55c, prepaid.—Not prepaid: 5 lbs. \$1.10, 15 lbs. at 20c per lb.

**29. FULL MEASURE (ROUND POD STRINGLESS)**—(54 days.) The merits of Full Measure lie in its excellent flavor and tenderness. It is a well-known variety for home and market gardening, and for canning. Fairly hardy. Pod: 6  $\frac{1}{4}$  inches long,  $\frac{3}{8}$  inch thick; round, straight, very fleshy, stringless and tender; medium green. Plant: upstanding and prolific. Seed: reddish brown, mottled with buff. Pkt. 8c,  $\frac{1}{2}$  lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid: 5 lbs. \$1.25, 15 lbs. at 22c per lb.

## ASPARAGUS

**CULTURE**—Sow one ounce of seed to 50 feet of drill. Five pounds to the acre. Sow in drills one foot apart and one inch deep. Keep soil mellow. Thin plants to four inches apart, transplant the following year to a permanent bed. Asparagus culture leaflet free.

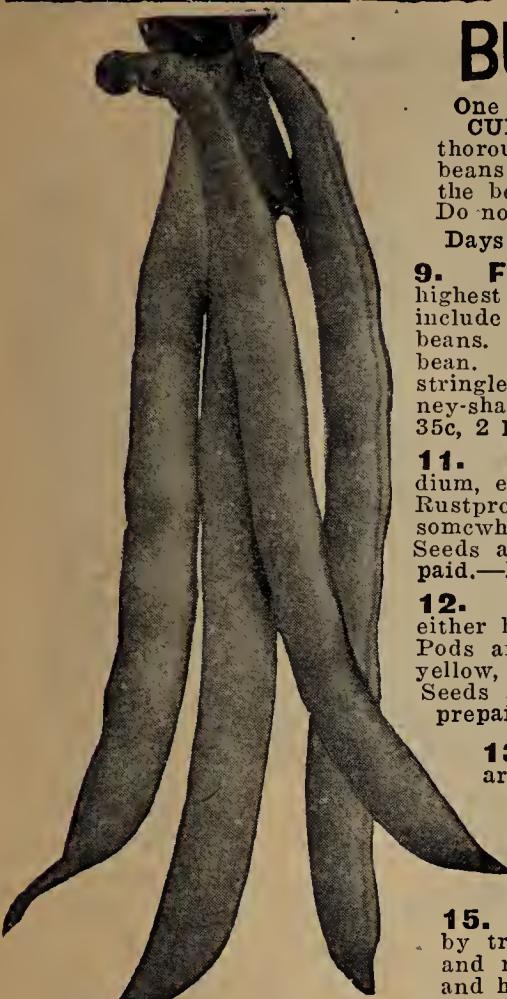
**5. WASHINGTON RUST PROOF ASPARAGUS**—The leading variety grown by market gardeners—rust resistant, producing large, straight shoots; tips of dark green color. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 45c, 1 lb. \$1.25, prepaid.

### Asparagus Roots

Washington Rust Proof variety: 25 for 55c, 50 for 90c, 100 for \$1.50, prepaid. Culture free. See page 25 for other vegetable plants and roots.

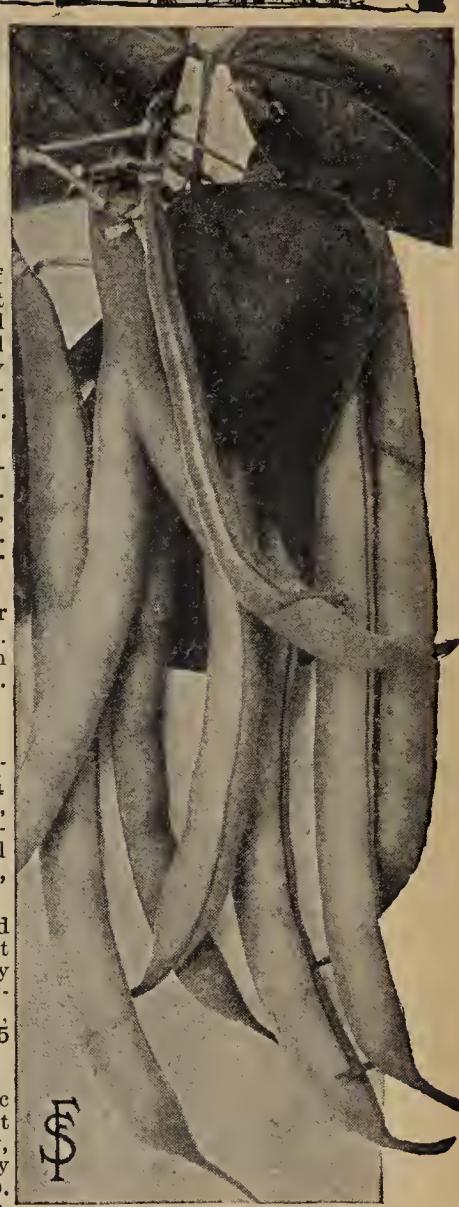


Bountiful Stringless.



Sure Crop Stringless.

INOCULATE ALL  
LEGUME SEED WITH  
McQueen's  
Inoculator



Faribault Brittle Wax.

## BUSH BEANS—Wax Podded

One pound of seed will plant 50 feet of row, 90 pounds per acre, in drills.

**CULTURE**—Beans should be sown after May 15th, when the ground is thoroughly warm. Make successive sowings, 2 weeks apart, for a supply of beans all summer. Sow in drills 15 inches apart, 2 inches deep, dropping the beans 3 inches apart in the rows, eyes down and cover. Cultivate often. Do not walk through or pick beans when wet with dew or rain.

Days mentioned in descriptions represent average time from planting to table.

**9. FARIBAULT BRITTLE WAX**—52 days. Here is the standard of highest quality in a Wax Bean. Desirable features of this round podded sort include a hardy vigor and an abundant yield of tender, succulent, buttery-flavored beans. Ideal for home use and for canning. It makes an excellent winter shell bean. Pods are 6 inches long,  $\frac{3}{8}$  inch wide; medium yellow and absolutely stringless. Plant is large, erect, vigorous and productive. Seed is white, kidney-shaped with black eye. (See inside front cover.) Pkt. 8c,  $\frac{1}{2}$  lb. 20c, 1b. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.25, 15 lbs. at 22c per lb.

**11. PROLIFIC BLACK WAX**—or Butter Bean—51 days. A good, medium, early home and market garden sort. A heavy producer over a long period. Rustproof and of fine quality. Pod is 5  $\frac{1}{4}$  inches long,  $\frac{1}{2}$  inch wide; round, somewhat curved, fleshy, deep golden yellow color, and excellent in flavor. Seeds are small oval, solid black. Pkt. 5c,  $\frac{1}{2}$  lb. 17c, 1b. 30c, 2 lbs. 55c, prepaid.—Not prepaid, 5 lbs. \$1.10, 15 lbs. at 20c per lb.

**12. BLACK PENCIL POD WAX**—52 days. Another desirable sort for either home or market gardening. Vigorous, productive and of appetizing flavor. Pods are 6  $\frac{3}{4}$  inches long,  $\frac{1}{2}$  inch wide; round, slightly curved, fleshy, golden yellow, tender, absolutely stringless, without fiber, brittle and of finest quality. Seeds are oblong, flat, solid black. Pkt. 8c,  $\frac{1}{2}$  lb. 20c, 1b. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.25, 15 lbs. at 22c per lb.

**13. IMPROVED GOLDEN WAX**—49 days. The best known standard variety of wax bean. Exceptionally hardy and rustproof. Pods are 4  $\frac{3}{4}$  inches long,  $\frac{1}{2}$  inch wide; straight, thick, flat, creamy-yellow in color, stringless, and of good quality. Plant is small, erect. Seeds are short-oval, white with mottling of violet and light yellow around eye and ends. Pkt. 5c,  $\frac{1}{2}$  lb. 17c, 1b. 30c, 2 lbs. 55c, prepaid.—Not prepaid, 5 lbs. \$1.10, 15 lbs. at 20c per lb.

**15. SURE CROP STRINGLESS WAX**—53 days. Particularly favored by truckers and shippers. Its desirable features include resistance to blight and rust, exceptional hardiness and vigor—even in dry sections, good quality and heavy yield. Pods are 6  $\frac{1}{2}$  inches long,  $\frac{1}{2}$  inch wide; golden yellow, thick-flat, brittle, strictly stringless, of fine texture and quality. Seeds are oval, jet black. Pkt. 8c,  $\frac{1}{2}$  lb. 20c, 1b. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.25, 15 lbs. at 22c per lb.

**16. UNRIValed ROUND POD WAX**—52 days. An extremely prolific and attractive home and market growers' sort. Very popular among our market gardener trade. Pods are 5  $\frac{1}{2}$  inches long,  $\frac{3}{8}$  inch wide; deep yellow, narrow, thick-flat, brittle, stringless when young. Plant is dwarf, erect, stocky, highly productive. Seeds are small, long-oval, glossy golden brown. Pkt. 8c,  $\frac{1}{2}$  lb. 20c, 1b. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.25, 15 lbs. at 22c per lb.

**19. EARLY WONDER WAX**—40 days. This is the ideal wax bean for the early market, and the first one ready for the home table. Its worthwhile features include extreme earliness and resistance to rust—plus heavy yield and good quality. Pods are 6  $\frac{1}{2}$  inches long,  $\frac{1}{2}$  inch wide, clear waxy yellow, flat, plump, tender, brittle, of fine texture and very meaty. Plant is large, strong, productive. Seeds are yellow. Pkt. 5c,  $\frac{1}{2}$  lb. 17c, 1b. 30c, 2 lbs. 55c, prepaid.—Not prepaid, 5 lbs. \$1.10, 15 lbs. at 20c per lb.

### BEANS SHOULD BE INOCULATED

Bigger yields and better quality crops may be realized through the use of McQueen's Garden Inoculator. The small extra cost will be returned tenfold. One packet McQueen's Garden Inoculator will treat 5 pounds of garden beans. Pkt. 15c or two for 25c, postpaid.

## POLE OR RUNNER VARIETIES

Plant in hills 3 feet apart each way, sowing 4 to 6 beans to a hill. Stake with poles 7 feet high.

**60. OLD HOMESTEAD OR KENTUCKY WONDER**—65 days. The most popular pole bean. Fine for home, market and for canning. Will bear heavily all summer if kept picked. Pods are 8 inches long,  $\frac{1}{2}$  inch wide; silvery green, practically round, curved, of good quality and very brittle. Plant is strong climber. Seeds are buff brown. Pkt. 5c,  $\frac{1}{2}$  lb. 17c, 1b. 30c, 2 lbs. 55c, prepaid.—Not prepaid, 5 lbs. \$1.10, 15 lbs. at 20c per lb.

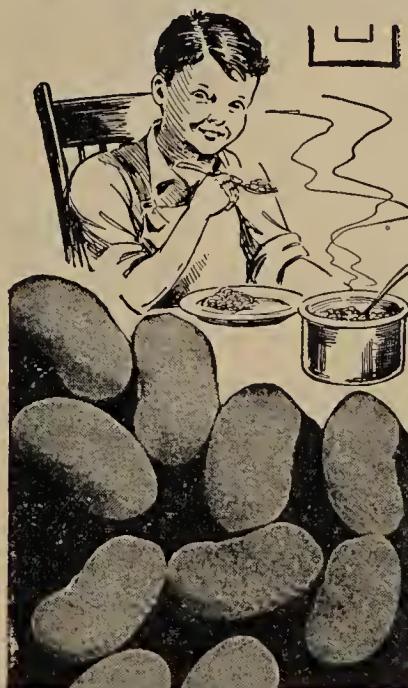
**61. SCARLET RUNNER**—66 days. Used for decorative purposes as well as for snap and green shell beans. Brilliant scarlet flowers, followed by large delicious pods. Ideal sort for covering fences. Pkt. 8c,  $\frac{1}{2}$  lb. 25c, 1b. 40c, prepaid.

## FIELD BEANS

**40. GREAT NORTHERN**—The most delicious baking bean grown. A wonderful yielder and one of the most profitable beans. Great Northern is a much better bean for baking and cooking than any navy bean, as it cooks in two-thirds of the time, and is of much better flavor. Beans are larger than common navy beans. Pkt. 5c,  $\frac{1}{2}$  lb. 12c, 1b. 20c, 2 lbs. 35c, prepaid.—Not prepaid, 5 lbs. 60c, 15 lbs. at 10c per lb.

**41. ROBUST NAVY**—Plants are of decidedly robust growth. Beans are clear white. Pkt. 5c,  $\frac{1}{2}$  lb. 12c, 1b. 20c, 2 lbs. 35c, prepaid.—Not prepaid, 5 lbs. 60c, 15 lbs. at 10c per lb.

**42. EASY COOK SOY BEANS**—125 days. For many years Soy Beans have been used as food for human consumption in the Oriental countries. Certain varieties were especially suitable, though only recently have improved strains been tested by experiment stations in this country. We have now a strain that will add a delicious vegetable to your menu and should be tried in every garden. It is easy to cook. Plants are strong, erect, bushy, with purple flowers. Pods contain 2-3 straw-yellow beans. Cook like green beans. Pkt. 5c,  $\frac{1}{2}$  lb. 20c, 1b. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 10 lbs. at 20c per lb.



Great Northern Beans.

## LIMA BEANS

One pound will plant a row 50 feet long. Lima Beans, tender and fresh from the garden, are the most delicious of all beans. The young green Baby Lima Beans are wonderful when canned.

**CULTURE**. Bush Limas should be planted in rows 3 feet apart in rich soil, 6 to 10 inches apart in the row, always setting the seed with the eye down. Plant about 3 inches deep.

**50. FORDHOOK BUSH LIMA**—75 days. The most popular large seeded Dwarf Lima type among the market growers. Fordhook Lima supplied many home tables with big, plump, buttery beans of delicious flavor. Pods are 4  $\frac{1}{2}$  inches long, 1 inch wide; contain 3 to 4 seeds. Green shell beans; large thick oval, of excellent quality. Plant is large, erect, vigorous, highly productive. Seeds are white with tinge of green. Pkt. 8c,  $\frac{1}{2}$  lb. 20c, 1b. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.25.

**51. BURPEE'S IMPROVED BUSH LIMA**—75 days. Another Lima of excellent quality and luscious flavor. Pods are 4 inches long, 1  $\frac{1}{4}$  inches wide; contain 4 to 5 seeds. Plant is large, erect, vigorous, and a heavy yielder. Seeds are large, plump, flat, slightly wrinkled; white with greenish tinge. Pkt. 8c,  $\frac{1}{2}$  lb. 20c, 1b. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.25.

**52. HENDERSON BUSH LIMA**—68 days. Here's a bush bean that produces small, flat, green shell beans of excellent quality. Exceptionally early and fine for canning. Pods are 3  $\frac{1}{2}$  inches long,  $\frac{3}{4}$  inch wide; flat, contain 3 to 4 seeds. Plant is small, dark green, erect, bushy, very early. Seeds are dry beans, creamy white. Pkt. 5c,  $\frac{1}{2}$  lb. 17c, 1b. 30c, 2 lbs. 55c, prepaid.—Not prepaid, 5 lbs. \$1.20.

**53. NEW HOPI INDIAN LIMA**—Plant seed early. This new introduction is a small, hardy vining Lima that matures anywhere in the United States. Of delicious flavor and an abundant yielder. For making succotash or as a green-shelled Lima, or as a dry bean, it is unequalled by any Lima bean. It can be grown on any well drained soil with or without trellis. Pkt. 8c,  $\frac{1}{2}$  lb. 20c, 1b. 35c, 2 lbs. 65c, prepaid.

## TABLE BEETS

Sow 1 oz. to 50 ft. of drill—5 lbs. per acre.

**CULTURE**—The soil for beets should be rather light and well enriched. Sow in drills one foot apart and one inch deep, as early as the ground can be worked; continue for a succession as late as the middle of July; when the plants are large enough, thin out to stand six inches apart.

For the home garden, Early Wonder and Early Winesap are the most tender early beets; Detroit Dark Red, Crosby's Egyptian and Ohio Canner are the best main crop sorts. Days referred to in descriptions represent average time from planting to table.

**83. EXTRA EARLY WINESAP**—(54 days.) The first beet to find its way from garden to family dinner table. Winesap combines excellent quality, flavor and tenderness with its exceptional earliness. Roots are semi-globular, blood red, with small tap root. Tops are medium small, erect. (See inside back cover.) Pkt. 8c, oz. 15c,  $\frac{1}{4}$  lb. 40c, 1 lb. \$1.25, 2 lbs. \$2.25, prepaid.

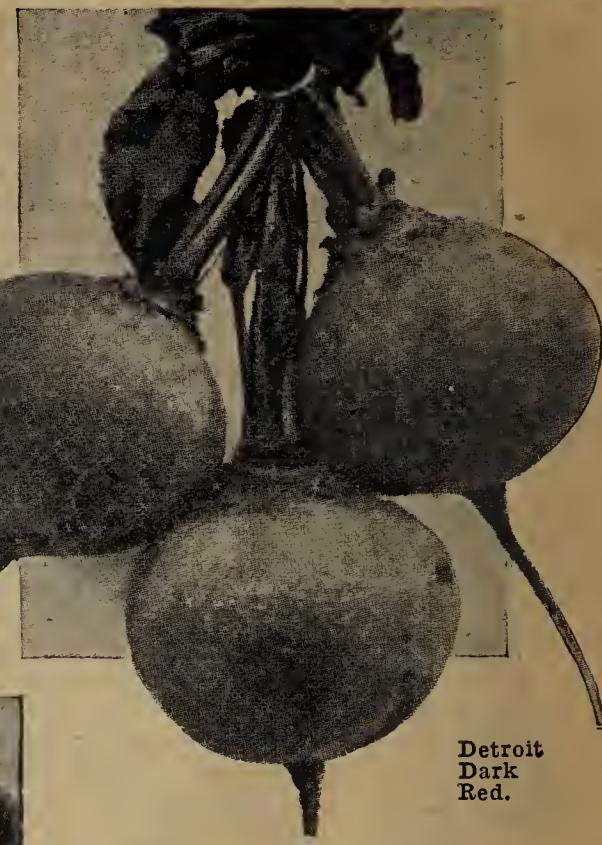
**84. EARLY WONDER**—(54 days.) First on the early market. A splendid shipping variety. Similar in quality to Winesap. Roots are blood red with small tap root. Flesh is blood red with lighter zones, tender and of good quality. Tops are medium small. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 35c, 1 lb. \$1.10, 2 lbs. \$1.90, prepaid.

**86. CROSBY'S IMPROVED EGYPTIAN**—(58 days.) An improved strain of the original Crosby's, which for years has been an old reliable stand-by for market growers. Roots are flattened globe shape, dark red, small tap root. Flesh is purplish red, very indistinct lighter zones, sweet and tender. Tops are medium. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 35c, 1 lb. \$1.15, 2 lbs. \$2.00, prepaid.

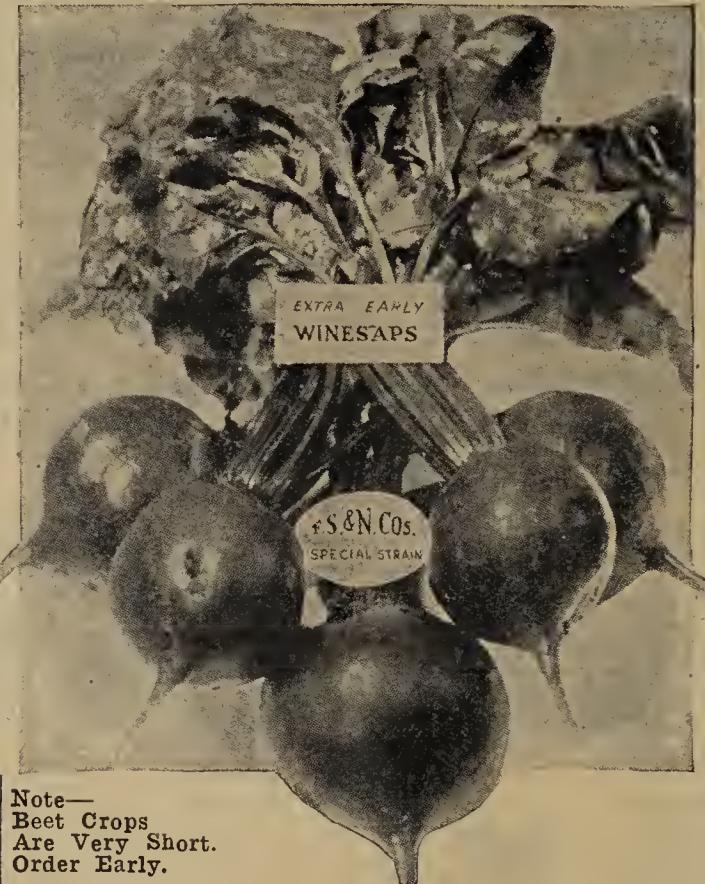
**88. OHIO CANNER**—(Medium Early). The absence of lighter zones, the smooth symmetrical form and superior color make this the most perfect canning and pickling beet yet developed. Also splendid for market growing and table use. Roots are uniformly round, small tap root. Flesh is intense deep blood red, with no trace of lighter rings. Tops are small, dark. Pkt. 8c, oz. 15c,  $\frac{1}{4}$  lb. 40c, 1 lb. \$1.40, 2 lbs. \$2.50, prepaid.

**85. DETROIT DARK RED**—(62 days.) The outstanding late variety for truckers, produce shippers, canners and home gardeners. A most popular, real quality beet. Roots are globular, smooth, uniform, attractive, with small tap root. Flesh is deep oxblood red, with indistinct zones. Splendid quality, sweet and tender. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, 1 lb. \$1.25, 2 lbs. \$2.25, prepaid.

**87. CRIMSON KING**—A fine deep, blood-red beet. Roots globular and smooth, attaining a diameter of  $3\frac{1}{2}$  to 4 inches. Small tops and tap roots. Excellent for home use or market. Pkt. 8c, oz. 15c,  $\frac{1}{4}$  lb. 40c, 1 lb. \$1.25, 2 lbs. \$2.25, prepaid.



Detroit  
Dark  
Red.



Note—  
Beet Crops  
Are Very Short.  
Order Early.

Goodhue, Minn.,  
April 28, 1934.

Farmer Seed & Nursery Co.

For the past years we have purchased our entire Garden Seeds, Berries, etc. from you. The quality was beyond reproach and the results from these seeds have been truly astonishing.

Not only did we grow a sufficient amount of vegetables for home table use, but also many fine prize winners. Your No. 436 Pepper Seed grew fruits last year of more than one pound in weight.

Rev. W. H. Schramm.



Swiss Chard. One of the most healthful greens—rich in vitamins.

### SPINACH BEET or Swiss Chard

Swiss Chard produces more food than any other vegetable, in proportion to the space required. The leaves are used for greens and are of much milder flavor, and more delicate texture, than spinach. It will produce a constant crop from early summer until winter. The leaves grow very large with broad, flat stems. Cook like asparagus.

**98. LUCULLUS (SWISS CHARD)**—(55 days.) The most popular of the Chards. Desirable for home or market garden use. Of exceptionally tender quality and good flavor. Rich in vitamins. Leaves are upstanding, large, yellowish-green color, heavily crumpled. Stem is thick, broad, light green. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, 1 lb. \$1.00, 2 lbs. \$1.75, prepaid.

Prices on all Mangels: Oz. 8c,  $\frac{1}{4}$  lb. 20c, 1 lb. 65c, prepaid.—Not prepaid, 5 lbs. at 50c per lb., 10 lbs. at 45c per lb. Ask for prices on larger lots.

### BROCCOLI

**80. ITALIAN GREEN SPROUTING**—A novelty of the cauliflower family which after the first head has been harvested, produces branching sprouts on which are small loose heads 2 inches in diameter. They have a delicate flavor and are most delicious. Pkt. 8c,  $\frac{1}{2}$  oz. 20c, oz. 35c,  $\frac{1}{4}$  lb. \$1.25, prepaid.

## CARROTS—Table Varieties

One ounce of seed will sow 100 feet of drill, three to four pounds required per acre.

**CULTURE**—The carrot is one of the most nutritious and healthful roots, and should be more generally used for the table as well as for stock feeding purposes. Will grow in any soil; sandy deep loam is best. Sow as early as the ground can be worked, in rows 15 to 18 inches apart, covering about one-half inch. The plants should be thinned to two, three, or even four inches apart in rows.

**170. F. S. & N. CO'S SUPERIOR MARKET**—(76 days.) A handsome carrot of the Imperator type. The finest shipping carrot in cultivation. Its splendid quality and attractive bunching appearance makes the new Superior Market sell on sight. Roots: 8 inches long, 2 inches thick at top; with sloping shoulder, tapered to a semi-blunt end, very uniform. Flesh: rich orange color, fine grained, scarcely noticeable core, tender, and of delicious flavor. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25, prepaid.

**171. DANVER'S HALF LONG**—(75 days.) The best known and one of the most reliable carrots for home and market gardening. Easily harvested, a good keeper and an excellent shipper. Roots: 6 to 7  $\frac{1}{2}$  inches long, 1  $\frac{1}{8}$ -inch shoulder diameter; bright orange, tapered to a blunt end. Flesh: bright orange, tender and of good quality. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25, prepaid.

**172. NANTES CORELESS HALF LONG**—(69 days.) Customers who do not like ordinary carrots are delighted with these. They have a distinct flavor and tenderness all their own, and when half grown they are a rare delicacy on any table. Excellent for forcing as well as for home and market garden use. Roots: 5  $\frac{1}{2}$  to 7 inches long, 1  $\frac{1}{8}$ -inch shoulder diameter, bright orange, cylindrical, blunt ended. Flesh: reddish-orange, crisp, tender, and of very delicate flavor; practically coreless. Pkt. 8c, oz. 18c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50, prepaid.



Danver's Half Long.

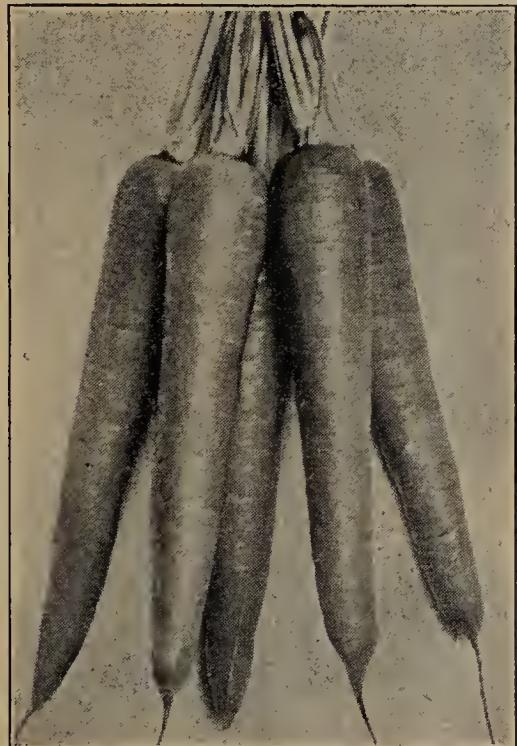


Oxheart.

**173. THE NEW IMPERATOR**—(77 days.) A truly outstanding type, bred for market garden use and for shipping, but also a splendid home garden sort. Tops medium, but strong enough for good bunching. Roots: 7 to 8  $\frac{1}{2}$  inches long, 2-inch sloping shoulder; smooth, deep rich orange; uniformly tapered to a semi-blunt end. Flesh rich orange color, extending to center of root, with indistinct core; fine grained, tender and of superior quality. (See inside front cover.) Pkt. 8c, oz. 18c,  $\frac{1}{4}$  lb. 40c, lb. \$1.35, prepaid.

**175. SELECTED CHANTENAY**—(71 days.)

This is an excellent all-purpose, medium-early variety, desirable for home and market garden, and for canners in packing diced carrots. Roots: 5 to 6 inches long, 2  $\frac{1}{4}$ -inch shoulder diameter; deep orange, smooth, tapered, stump rooted. Flesh: deep orange with indistinct core. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25, prepaid.



New Imperator.  
Sells on Sight.

**177. RED CORED CHANTENAY**—(71 days.)

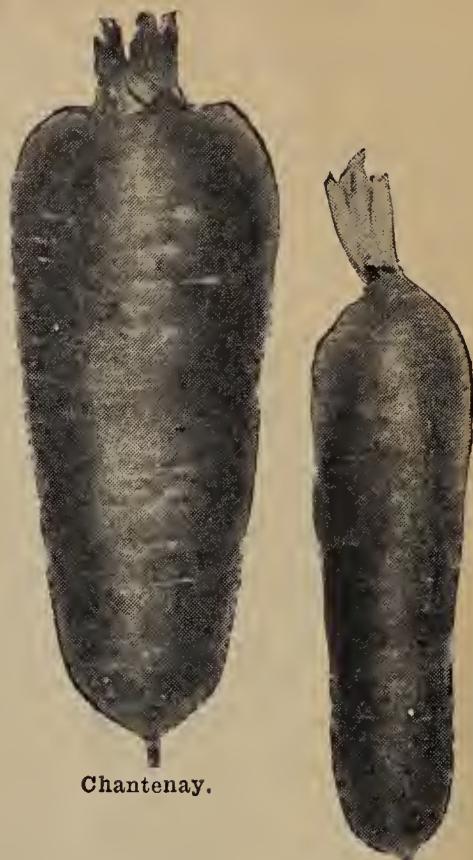
Here is a distinctly improved Chantenay, with excellent texture and quality of flesh. Its unique interior color and delicate flavor bring a premium on every market and a rare treat to the home table. Roots: 5 to 6 inches long, 2  $\frac{1}{4}$  inches thick at shoulder. Flesh: reddish-orange with indistinct core of nearly same color; exceptionally tender and sweet. Pkt. 8c, oz. 18c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50, prepaid.

**174. OXHEART or GUERANDE**—(72 days.)

Desirable for home use, prolific and a good keeper. Especially suited to field cul-

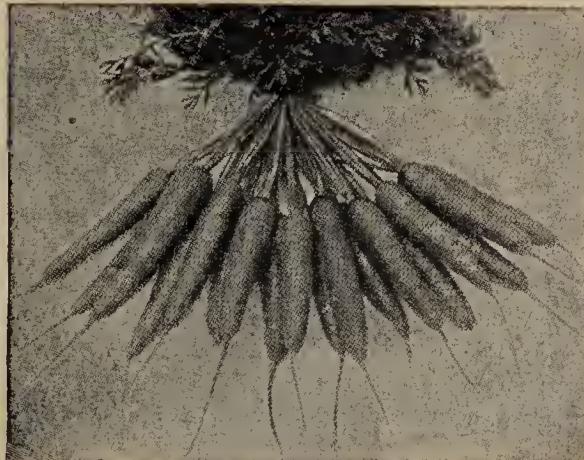
ture on heavy soils. When fully mature, often used for stock feeding. Excellent table quality when young. Roots: 4 to 5 inches long, 2  $\frac{1}{2}$ -inch shoulder diameter; bright orange, thick, blunt-ended, of heart shape. Flesh: deep orange, tender, of good quality. Pkt. 5c, oz. 12c,  $\frac{1}{4}$  lb. 35c, lb. \$1.00, prepaid.

**178. IMPROVED LONG ORANGE**—(86 days.) A heavy cropper for garden use and excellent for stock feeding. A huge carrot with a huge yield—adapted to light soils. Roots: 11 to 12 inches long, 2 to 3 inches wide at shoulder; tapered to a point, red-orange color. Flesh: similar in color to exterior with core of lighter shade. Pkt. 5c, oz. 12c,  $\frac{1}{4}$  lb. 35c, lb. \$1.00, prepaid.



Chantenay.

Nantes  
Coreless.



Superior Market.

## FIELD OR STOCK CARROTS

**186. WHITE BELGIAN**—(95 days.) Excellent for feeding stock. Very hardy, and a heavy cropper which is easily harvested. Should be grown in deep soil for best results. Sow 4 pounds to the acre. Roots: 10 to 14 inches long, 3 to 4 inches thick at top; skin: green above ground, white below. Flesh: white with tinge of cream color. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 75c, prepaid.

**185. YELLOW BELGIAN**—(95 days.) Very similar to White Belgian, except for color—pale yellow skin with green top. Hardy and productive. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 75c, prepaid.

## PSYLLIUM OVATA

The Nation's Health Regulator

Psyllium is a seed not intended for culture in this country—it is a native of India, but it is of greatest importance to your general health. Psyllium is a natural aid in the treatment of constipation, and a safe, harmless, non-habit forming regulator.

This seed owes its special value to its ability to supply both bulk and lubrication needed for sufficient bowel action. It gives off a gelatinous oil which produces a mild, efficient intestinal lubrication.

The seeds are taken with the meal as an accessory food in the diet. Leading physicians recommend Psyllium and it is rapidly becoming nationally known.

By direct importation we are in position to quote an exceptionally low price, so that all of our customers may keep Psyllium on hand constantly.

Send for free booklet entitled, "What a Noted Authority Has To Say Regarding Blond Psyllium Ovata in the Treatment of Constipation."

We offer triple re-cleaned, sterilized seed.

Price: 12-oz. pkg. 35c, 3 lbs. for 85c, 5 lbs., sufficient for two months' treatment, \$1.25, prepaid.



# CABBAGE

One ounce of seed will produce about 1,500 plants.  $\frac{1}{4}$  lb. of seed for an acre.

The best way to start cabbage, especially the early sorts, is in hot-beds, flats, or in a greenhouse. Sow the seed  $\frac{3}{4}$  inch deep, in carefully prepared rich garden soil. Seed usually germinates in 5 to 10 days. When ready to transplant, set into paper pots or plant bands, in flats, until time to set outdoors. The plants can then be set out without disturbing the roots, and the paper bands form the best protection against cutworms. Set in rows 2 feet apart, 20 inches apart in the rows.



## EARLY VARIETIES

NOTE—Number of days from setting out plants to marketable heads are listed here.

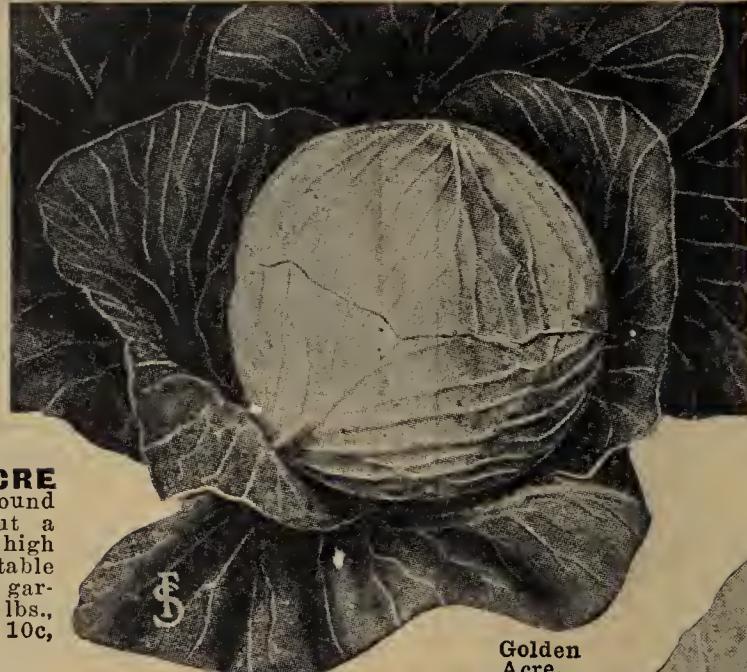
**136. EARLY COPENHAGEN MARKET**—(68 days.) Worth while features of this cabbage include: very early and uniform maturity, compact plants, and excellent quality. Splendid for early market and shipment. Valuable as an early kraut variety and a good home garden sort. Head: 6-7 inches thick, weighs 3  $\frac{1}{2}$  to 4 lbs., round, solid and of superior quality. Stem short. Pkt. 8c, oz. 25c,  $\frac{1}{4}$  lb. 75c, lb. \$2.75, prepaid.

**138. EXTRA EARLY GOLDEN ACRE**—(63 days.) This is the earliest round headed cabbage. A Copenhagen type, but a week earlier than Copenhagen Market. Of high quality. Golden Acre is the most profitable sort on the early market. Fine for home gardens. Head: 6 inches thick, weighs 3 lbs., small, round and solid. Stem, short. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. 90c, lb. \$3.25, prepaid.

**126. GLORY OF ENKHUIZEN**—(75 to 80 days.) A second early sort particularly valuable for kraut. Also popular with home and market growers. A good shipper. Head: 8 inches thick, weighs 5 to 8 lbs., large, round, solid, with few outer leaves, of excellent quality. Stem: medium short. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.25, prepaid.

**121. EARLY JERSEY WAKEFIELD**—(62 days.) Notable features of this popular sort include extreme earliness, small plants with short stems—permitting close setting in the row, and hard, compact pointed heads of splendid quality. A valuable addition to home or market garden. Head: 5 inches thick, weighs 2 to 2  $\frac{1}{2}$  lbs., small, compact, conical, 7 inches long. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 55c, lb. \$2.00, prepaid.

**133. EARLY DWARF FLAT DUTCH**—(71 days.) A fine medium early sort and a dependable header for market or home garden. It will withstand heat, is noted for flavor and tenderness, and is a fine keeper. Head: 8 inches thick, 6 inches deep, weighs 4 to 5 lbs., nearly round, solid and of good quality. Stem: short. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 55c, lb. \$2.00, prepaid.



CABBAGE PLANTS  
On Page  
25.

Cabbage worms may be controlled with Evergreen, Garden Guard, and Nok-Em-Kold. See page 73 for insecticides.

Late cabbage may be sown in the open, in rows, and transplanted when 4 to 6 inches high.

To prevent maggots in the small garden, put a circular piece of building paper around each plant. The fly cannot then deposit eggs close to the stems of the plants. A spray of carbolic acid solution, 1 to 30, once a week for several weeks after the plants are set out, helps to prevent maggots.

Most cabbage diseases, club root, black rot, etc., are caused by growing cabbage in infected soil. Crop rotation and liming the soil, are the best preventatives. The soil can be sterilized, and a certain immunity to disease established by treating both seed and soil, especially when large quantities are sown, with Semesan. This cannot injure the seed, and will increase the yield enormously. Semesan will be found listed on page 72.

### TO HELP YOU WITH YOUR CABBAGE CROP, WE OFFER

Cabbage Plants on page 25.	Master Plant Setter on page 26.
Insecticides on page 73.	Neponset Flower Pots on page 26.
Locked Plant Bands and Paper Pots on page 26.	Semesan for treating seed on page 72.
Hotkaps on page 26.	

## LATE VARIETIES

**140. DANISH BALLHEAD, TRUE HOLLANDER**—(105 days.) The finest late cabbage grown. The head is of an attractive white color, does not burst, and is of exceptional flavor, crispness and tenderness. It survives both cold and dry-hot weather. It will keep throughout the winter in excellent condition. For shipping, for storage, or for kraut—it is unsurpassed. Head: 7 to 8 inches thick, weighs 6 to 7 lbs., very attractive, deep, round and extremely solid. Pkt. 8c, oz. 25c,  $\frac{1}{4}$  lb. 75c, lb. \$2.75, prepaid.

**141. DANISH ROUNDHEAD**—(95 days.) This is an early, short-stemmed strain of the famous Danish Ballhead. In yield, head size and quality it is similar to Danish Ballhead. Roundhead, however, is 10 days earlier and has a shorter stem. Pkt. 8c, oz. 25c,  $\frac{1}{4}$  lb. 75c, lb. \$2.75, prepaid.

**142. PENN STATE BALLHEAD**—(110 days.) Developed by Penn State College of Agriculture. This late cabbage is the heaviest yielder and the most uniform of all. Especially desirable for winter storage and for kraut. Plants: Medium with short stem. Heads: Large, attractive, flattened globe-shape. Extremely hard. Weighing 15-20 lbs. each. Shows marked resistance to blackleg, and in big demand by market gardeners. Pkt. 10c,  $\frac{1}{2}$  oz. 20c, oz. 30c,  $\frac{1}{4}$  lb. 90c, lb. \$3.25, prepaid.

**144. PREMIUM LATE FLAT DUTCH**—(100 days.) A deservedly popular late cabbage. Slow growing, sure heading, of immense size and splendid quality. A favorite variety for home and market growing or for winter storing. Head: 10 to 12 inches thick, 7 inches deep, weighs 12 to 14 lbs.; extremely large, flat and solid. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 55c, lb. \$2.00, prepaid.

## YELLOW'S RESISTANT CABBAGE

R. C. Rose, Extension Pathologist at the Minnesota Experiment Station, recommends Yellow's Resistant varieties in disease infested soils.

**134. HOLLANDER, WISCONSIN NO. 3**—(100 days.) A splendid late cabbage for storage, shipment and kraut manufacture. A heavy yielder on land infested so badly with yellow's disease that other varieties fail completely. Head: 8 inches thick, weighs 8 lbs., large, almost globe shaped, very firm and of excellent quality. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. \$1.10, lb. \$4.00, prepaid.

**137. WISCONSIN "ALL SEASONS"**—(90 days.) An excellent kraut and winter keeping sort—valuable in areas infested with "Cabbage Yellow's"—also resistant to wilt and will survive heat and drought. Head: 11 inches thick, 8 inches deep, weighs 9 to 10 lbs. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. \$1.10, lb. \$4.00, prepaid.

**151. DANISH RED STONEHEAD**—(90 days.) A medium sized red cabbage of exceptional tenderness and flavor. Very good for pickling or winter storage. Head: 7 to 8 inches thick, weighs 6 to 7 lbs., round, solid, compact. Pkt. 8c, oz. 20c,  $\frac{1}{4}$  lb. 70c, lb. \$2.50, prepaid.

**152. MAMMOTH RED ROCK**—(98 days.) The largest and best of the red cabbages. Of superior quality and an excellent keeper. Head: 7 inches thick, weighs 7 to 8 lbs., round, extremely hard, color purplish red. Pkt. 8c, oz. 20c,  $\frac{1}{4}$  lb. 70c, lb. \$2.50, prepaid.

**156. SAVOY CABBAGE, LATE DRUMHEAD**—(90 days.) A vigorous grower and the largest solid heading Savoy sort. In flavor it is quite unique, and distinct from other cabbage. Head: 7 inches thick, weighs 6 to 7 lbs., nearly round, full and hard. Leaves: large, crimped, dark green, of good quality. Pkt. 8c, oz. 20c,  $\frac{1}{4}$  lb. 70c, lb. \$2.50, prepaid.

## FINEST DANISH GROWN CAULIFLOWER

One ounce of seed will furnish 1,000 to 1,500 plants, 6 to 7 ounces plant an acre.  
Note: Number of days from setting out plants to marketable heads are listed here.

**CULTURE**—Sow the seed in flats or hotbeds, in a rich soil composed of equal parts of garden soil, leaf mould, and sand. Seed may be started in February or March. Transplant to other flats, or to paper pots, when the plants are 2 or 3 inches high. Set outdoors as soon as weather permits, 2 to 3 feet apart each way. The soil should be very rich, containing plenty of

humus matter and moisture. While the heads are forming, water freely, and apply liquid manure or light dressing of nitrate of soda and potash. When the heads have formed and are hard, tie up the outer leaves to blanch the heads. Cauliflower needs cool, rather damp weather and will not form good heads in a dry, hot season or in dry sections.

**166. SUPER SNOWBALL CAULIFLOWER**—(52 days.) An extra early strain of the famous Snowball with particularly attractive pure white, solid heads. Excellent for forcing or general field culture. Its early and even maturity and unsurpassed quality brings a premium on any market. Heads: 6 to 7 inches thick. (See inside back cover.) Pkt. 20c,  $\frac{1}{4}$  oz. 70c,  $\frac{1}{2}$  oz. \$1.20, oz. \$2.10,  $\frac{1}{4}$  lb. \$7.50, prepaid.

**160. EARLY SNOWBALL**—(55 days.) One of the best and most widely used early varieties. The plants are dwarf with short, pale green leaves. A dependable header. Although this is an extra early sort, it can also be planted to advantage for late fall and winter use. Head: 6 to 7 inches thick, of medium size, firm, compact, solid, pure white, and of finest quality. Pkt. 15c,  $\frac{1}{4}$  oz. 60c,  $\frac{1}{2}$  oz. \$1.00, oz. \$1.75,  $\frac{1}{4}$  lb. \$6.25, prepaid.



Super Snowball Cauliflower.

## SUPERIOR—CELERY—STRAINS

**CULTURE**—Sow the seed in flats, during February or March. Celery seed germinates slowly and the surface of the soil must be kept constantly moist. Cover the seed very lightly, with fine sand rather than with soil, to prevent a hard surface. When plants are 2 or 3 inches high, transplant them to other flats. In May, set them out in rows 3 feet apart, 6 inches apart in the rows.

To blanch celery, hill up the stalks with earth, but do not let any dirt fall into the hearts of the plants, and do not work at it while wet. Celery may also be banked with boards pushed close to both sides of the rows. For winter store in cellar.

**195. SELECT FRENCH GOLDEN SELF BLANCHING**—(118 days.) This is the best Celery for early table use, and is the most popular grown for the market. The plants grow to medium size, and are stocky and compact. The heart is rich golden yellow, with light yellowish green outer stalks and leaves. Stalks are broad and heavy, but remarkably crisp and tender, entirely free from stringiness, and of fine flavor. Pkt. 10c, oz. 50c,  $\frac{1}{4}$  lb. \$1.75, lb. \$6.00, prepaid.

**196. WHITE PLUME**—(112 days.) An extra early, attractive variety. Stalks: medium, easily blanched to pure white, solid, crisp and of good quality. One of the best for early table use, but cannot be kept through the winter. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 75c, lb. \$2.50, prepaid.

**197. AMERICAN GOLDEN SELF BLANCHING**—(120 days.) Popular with market gardeners and shippers. Plants are medium in height, stocky and compact; foliage yellowish green; stalks are very solid, broad, of delicate nutty flavor; blanches readily to golden yellow. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00, prepaid.

**198. MICHIGAN GOLDEN**—(Yellows Resistant Strain.) A new strain of self-blanching Celery highly resistant to yellows or root rot. It is intermediate in type between Tall Golden and Golden Plume. It has shown unusual resistance to yellows on infested soils. Recommended by Michigan State College. (See inside front cover.) Pkt. 15c,  $\frac{1}{2}$  oz. \$1.00, oz. \$1.75,  $\frac{1}{4}$  lb. \$5.50, prepaid.

**161. SELF PROTECTING DANISH PERFECTION**—(58 days.) A main crop sort of Early Snowball type with somewhat larger heads, and several days later in maturing. However the heads are better protected by large leaves, which does away to a certain extent with the necessity of tying up the leaves to blanch the heads. Head: 7 to 8 inches thick, weighs 2  $\frac{1}{4}$  lbs., compact, snow white and very attractive. Pkt. 15c,  $\frac{1}{4}$  oz. 65c,  $\frac{1}{2}$  oz. \$1.10, oz. \$1.85,  $\frac{1}{4}$  lb. \$6.50, prepaid.

**165. DRY WEATHER OR DANISH GIANT**—(67 days.) A variety well adapted to dry weather conditions. It is later than Early Snowball and of larger growth. Heavy foliage fully protects the heads, which are less liable to blight in hot weather. Dry Weather requires less moisture than other sorts, yet quality is superb. Head: 6 to 8 inches thick, weighs 2 lbs., hard, creamy white and of delicious flavor. Pkt. 15c,  $\frac{1}{4}$  oz. 60c,  $\frac{1}{2}$  oz. \$1.00, oz. \$1.75,  $\frac{1}{4}$  lb. \$6.25, prepaid.

For Cabbage,  
Cauliflower and  
Celery Plants,  
See Page 25.

An ounce of celery seed will produce 7,500 plants— $\frac{1}{4}$  pound of seed will produce enough plants for one acre. Note: Number of days from planting seed to edible stage are listed here.

## CHINESE CELERY CABBAGE

**158. PE-TSAI**—A delicious salad vegetable of the finest quality. It resembles Cos lettuce, the heads being long and narrow, with tightly folded, crisp, white leaves, as tender as those of head lettuce. The flavor is that of very solid cabbage, blended with celery. Do not sow until June or July to avoid flowering. It makes a delicious salad, sliced and served with French dressing. Boiled like cabbage, Celery Cabbage is especially fine. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 70c, lb. \$2.50, prepaid.

**159. CHINESE CELERY CABBAGE** (For Poultry)—A new cheap, green feed of great value for poultry, more productive than lettuce, spinach or mangels. Sow the seed in rows  $\frac{1}{2}$  inch deep and 24 inches apart, using 3 lbs. seed per acre. An ounce of seed will provide green feed for 100 hens for 4 months. Commence feeding Chinese Cabbage when plants are 4 inches high, pulling out every other plant. Plants form heads of 5 to 7 lbs. in 2 months, which can be stored until wanted. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 55c, lb. \$2.00, prepaid.



Chinese Celery Cabbage.



Golden Self Blanching Celery.

## CUCUMBERS

An ounce of seed will plant 50 hills; three pounds will plant an acre.

Note: Days from planting to picking are listed here. The letters W.S. and B.S. indicate the white spined and black spined varieties.

**CULTURE**—Cucumbers require rich soil. Plant the seed in low, flat hills, 5 to 6 feet apart each way, allowing 12 to 15 seeds per hill. Cover with three-fourths of an inch of finely pulverized soil. Thin out all but 4 or 5 of the strongest vines to a hill.

### PICKLING CUCUMBERS

**255. F. S. & N. CO'S EARLIEST PICKLING**—(53 days.) The finest strain of pickling cucumber. It is early, exceptionally vigorous and hardy, and highly productive. Its quality is unsurpassed. Fruit: 9 inches long, 2½ inches thick, straight, smooth, symmetrical, of dark green color; quality and flavor excellent. Pkt. 8c, oz. 20c, ¼ lb. 70c, lb. \$2.25, 2 lbs. \$4.25, prepaid.

**257. CHICAGO OR WESTERFIELD PICKLING**—(59 days.) B.S. Most widely used of the pickling varieties. Also good for slicing. Fruit: 6½ inches long, 2½ inches thick, medium green, square ended, attractive and prolific. Pkt. 5c, oz. 15c, ¼ lb. 55c, lb. \$2.00, 2 lbs. \$3.75, prepaid.

**258. BOSTON OR GREEN PROLIFIC**—(58 days.) B.S. This variety is very early and prolific. It is crisp and tender, fine for pickling. Fruit: 6¼ inches long, 2½ inches thick; weight 1½ lbs.; medium green, slightly tapered. Pkt. 5c, oz. 15c, ¼ lb. 55c, lb. \$2.00, 2 lbs. \$3.75, prepaid.

**259. EARLY GREEN CLUSTER**—(55 days.) B.S. A small, very early and productive pickling variety, with fruits bunched in clusters of two or three. Fruit: 5¾ inches long, 2½ inches thick; weight 1¼ lbs., chunky, uniform, medium green. Pkt. 5c, oz. 15c, ¼ lb. 50c, lb. \$1.80, 2 lbs. \$3.40, prepaid.

**260. IMPROVED LONG GREEN**—(70 days.) B.S. This is a standard late variety for home garden; excellent for slicing; hardy and prolific. Dependable. Pkt. 8c, oz. 20c, ¼ lb. 70c, lb. \$2.50, 2 lbs. \$4.80, prepaid.

**261. NEW EVERBEARING**—(55 days.) B.S. A small, very early variety used for early pickles. Its outstanding feature is that the vines continue to bear throughout the growing season. Fruit: 4½ inches long, 2 inches thick; weight 1¼ lbs., chunky. Pkt. 5c, oz. 15c, ¼ lb. 50c, lb. \$2.00, 2 lbs. \$3.75, prepaid.

#### HOW TO PROTECT CUCUMBERS.

For cucumber beetles use Nok-Em-Kold, Garden Guard, Slug Shot or Arsenate of Lead. For anthracnose or downy mildew use Bordeaux Mixture—See Page 73.

### WHITE SPINE VARIETIES

**272. THE "VAUGHAN" OR LONGFELLOW**—(70 days.) W.S. Ideal for home garden, forcing or shipping. One of the best long, late varieties. Excellent quality. Perfectly uniform, long, slender shape. Fruit: 12 to 15 inches long, 2¾ inches thick; weight 2¾ lbs., dark green, symmetrical and attractive. Holds color and crispness well after picking. Pkt. 10c, oz. 25c, ¼ lb. 80c, lb. \$2.85, 2 lbs. \$5.35, prepaid.

**266. CLARK'S SPECIAL HYBRID WHITE SPINE**—(63 days.) A truly outstanding variety for market gardening and for home table use. Holds its color and firmness when shipped long distances. Finer quality is not obtainable. A real profit maker for the market gardener. Fruit: 8½ inches to 10 inches long, 2½ inches thick; weight, 2¼ lbs.; handsome, very dark green color; slightly tapered at both ends; flesh crisp and firm; remains edible for a long time; very few seeds. (See inside front cover.) Pkt. 8c, oz. 20c, ¼ lb. 70c, lb. \$2.25, 2 lbs. \$4.00, prepaid.



F. S. & N. Co's Earliest Pickling.

### WHITE SPINE VARIETIES

**267. EXTRA EARLY ARLINGTON WHITE SPINE**—(60 days.) This is a dependable old stand-by for the home gardener. It is early, prolific and of good quality. Fruit: 8½ inches long, 2½ inches thick; weight 2 lbs.; semi-blunt ended, medium green. Pkt. 5c, oz. 15c, ¼ lb. 50c, lb. \$1.80, 2 lbs. \$3.40, prepaid.



Extra Early Arlington White Spine.

**268. EARLY FORCING**—(53 days.) An excellent forcing and garden variety. Fruit retains a rich, deep green color until ripe. An excellent keeper. Fruit: 10 inches long, 2½ inches thick, dark green, uniform; flesh firm and crisp. Pkt. 8c, oz. 20c, ¼ lb. 70c, lb. \$2.25, 2 lbs. \$4.25, prepaid.

**256. NEW STRAIGHT EIGHT**—All America Gold Medal Award for 1935. This new introduction produces symmetrical, almost cylindrical fruit—well rounded at both ends. A White Spine variety running quite straight, regularly 8 inches in length and from 1¾-2 inches in diameter. Color: deep green. A vigorous grower and remarkably productive. Owing to the short seed supply, can be offered in packets only. Pkt. 15c, prepaid.

**269. STAYS GREEN**—(59 days.) W.S. This is a handsome, early, medium sized, productive variety—used extensively for early marketing. It holds its color and firmness well when shipped long distances. Fruit: 7½ inches long, 2¾ inches thick; weight 1½ lbs.; symmetrical, nearly square ended, very dark green. Pkt. 5c, oz. 15c, ¼ lb. 55c, lb. \$2.00, 2 lbs. \$3.75, prepaid.

**270. DAVIS PERFECT**—(65 days.) W.S. An excellent mid-season variety for shipping or home table use. Splendid quality and appearance. Fruit: 9 to 10 inches long, 2½ inches thick, weight 2 lbs.; dark green, tapered at both ends; flesh crisp and of good quality. Pkt. 8c, oz. 20c, ¼ lb. 70c, lb. \$2.25, 2 lbs. \$4.25, prepaid.

**271. EXTRA LONG OR EVERGREEN WHITE SPINE**—(65 days.) Another excellent variety for home or market gardening of about mid-season maturity. Similar to Davis Perfect but larger. Fruit: 10½ inches long, 2½ inches thick; weight 2¼ lbs.; slightly tapered, uniform, dark, shiny green. Pkt. 8c, oz. 20c, ¼ lb. 70c, lb. \$2.25, 2 lbs. \$4.00, prepaid.



"Vaughan" or Longfellow. (Note Length.)

### FREE BOOKS TO CUSTOMERS

Your choice of any one of the following books, with a \$1.00 order of Garden Seeds—or a \$2.00 order of Farm Seeds. Be sure to request them when ordering.

Make the Garden Pay.....	80 pages
Better Gardening .....	63 pages
Grow Your Own Fruit.....	80 pages
Make The Soil Productive.....	64 pages
Our Pastures .....	48 pages
Success With Corn .....	29 pages
Weeds Mean Waste .....	42 pages
Sweet Clover .....	30 pages
Alfalfa .....	37 pages
Soy Beans .....	33 pages
More and Better Potatoes.....	61 pages

## SWEET CORN—Early Varieties

One pound of seed will plant 100 hills; use 12 pounds per acre.

**CULTURE**—A rich warm soil will give the best results. Work soil thoroughly before planting. Plant in hills 3 to 3½ ft. apart each way, or sow in rows 3½ ft. apart, placing the seed about 8 inches apart in the rows. Plant as soon as danger of frost is past; for succession, plant every two weeks until July. Give frequent and thorough but shallow cultivation.

**NOTE:** Days from planting to eating stage are listed.

**228. EXTRA EARLY GOLDEN GEM**—(60 days.) The very latest origination from the North Dakota Agricultural College. Now the long-looked-for time when luscious corn on the cob may be enjoyed has been advanced 10 to 12 days, for Golden Gem is ready that much earlier than its grandparent, Golden Bantam. Golden Gem also produces a better yield per acre. Being the earliest quality yellow Sweet Corn, it is proving a gold mine to market gardeners in reaching the earliest market. Ear: 6 inches long, 8 rowed; kernels deep yellow, tender, exceptionally sweet and of good flavor. Stalk: 4 to 4½ feet high; frequently bear 2 ears. Pkt. 8c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid: 5 lbs. \$1.50, 15 lbs. at 25c per lb.

**223. EARLY SUNSHINE**—(66 days.) Another noteworthy development of the North Dakota Experiment Station. An early yellow variety, with a larger ear, and about 5 days ahead of Golden Bantam. Highly prized by market growers and excellent for home garden. Flavor, tenderness and quality are superb. Ear: 7 inches long; 10 to 14-rowed; kernels medium broad, golden yellow, sweet, tender and of good flavor. Stalk: 5 to 5½ feet high. Pkt. 5c, ½ lb. 18c, lb. 30c, 2 lbs. 55c, prepaid.—Not prepaid: 5 lbs. \$1.10, 15 lbs. at 20c per lb.

**226. GOLDEN BANTAM**—(70 days.) To most home gardeners, Sweet Corn means Golden Bantam. It is the most widely known and most popular variety. Also desirable for trucking and canning. It is medium early, dependable and of wonderful quality. Ear: 6½ inches long, 8-rowed, kernels broad with tender hull, sweet and of exceptionally fine flavor. Stalk: 5 to 5½ feet high. Pkt. 5c, ½ lb. 15c, lb. 25c, 2 lbs. 45c, prepaid.—Not ppd.: 5 lbs. \$1.00, 15 lbs. at 18c per lb.

**NOTE** — Don't buy Hybrid varieties of Sweet or Field Corn with the idea of saving your own seed. By doing so these strains will revert and lose their hybrid vigor and productivity. First generation seed only should be planted from the breeding plots of experienced growers. The extra returns more than offset the seed cost.

Early Golden Gem.

**229. SPANISH GOLD**—(65 days.) A fine extra early yellow variety for earliest market and home garden. Introduced in 1931. Combines heavy yield and splendid quality with its earliness. Ear: 6½ inches long, 8 to 10-rowed; well filled to tips. Kernels bright, golden yellow, plump, sweet, tender and of good quality. Stalks: 5 to 6 feet high, often bearing 2 or 3 ears per stalk. (See inside back cover.) Pkt. 5c, ½ lb. 18c, lb. 30c, 2 lbs. 55c, prepaid.—Not prepaid: 5 lbs. \$1.10, 15 lbs. at 20c per lb.

**230. GOLDEN GIANT**—(78 days.) A midseason yellow variety, the result of crossing Golden Bantam and Howling Mob; good for home and market garden planting. Ears: 6½ to 7 inches long, 12 to 16-rowed, rather thick at butt. Kernels golden yellow, of good quality. Stalk 7 feet high. Pkt. 5c, ½ lb. 20c, lb. 30c, 2 lbs. 55c, prepaid.—Not prepaid: 5 lbs. \$1.10, 15 lbs. at 20c per lb.

## Use "Master Ear Worm Dust" for Corn Ear Worm!

Remember what a time you had with ear worm in your sweet corn last year? Well here's an easy, inexpensive way to put a stop to the ravages of the corn ear worm in 1935.

Merely apply "MASTER EAR WORM DUST" when the silks begin to appear. Apply every 10 days until 2 or 3 applications have been made.

"MASTER EAR WORM DUST" is very easily and quickly applied, and saves its cost tenfold in enabling you to produce a perfect crop of sweet corn. Full instructions on every package.

Price: 1 lb. 25c, prepaid.—Not prepaid, 5 lbs. 75c, 10 lbs. \$1.25, 100 lbs. \$5.00.

(LATE SWEET CORN ON FOLLOWING PAGE.)

## NEW MINNESOTA HYBRIDS

Sensationally Superior to Common Strains.

The outstanding new Minnesota Experiment Station "Golden Bantam" hybrids feature greatly increased yields, more uniform maturity and are far superior to normal Bantam in quality, flavor and tenderness. The finest Sweet Corn you have ever grown—costs a trifle more, but worth much more. Read following testimonial.

**MINHYBRID 203 (42X43)**—8 days earlier than normal Golden Bantam. No finer table quality obtainable. Absolutely no other corn so sweet and tender. A real gold mine for the market grower who specializes in quality. Top prices when folks are hungry for Sweet Corn. The home gardeners also can't go wrong on this. Ears: 6 to 6½ inches long, 8-rowed, yellow, maturing evenly. Plant: somewhat shorter and yield is better than that of normal Bantam.

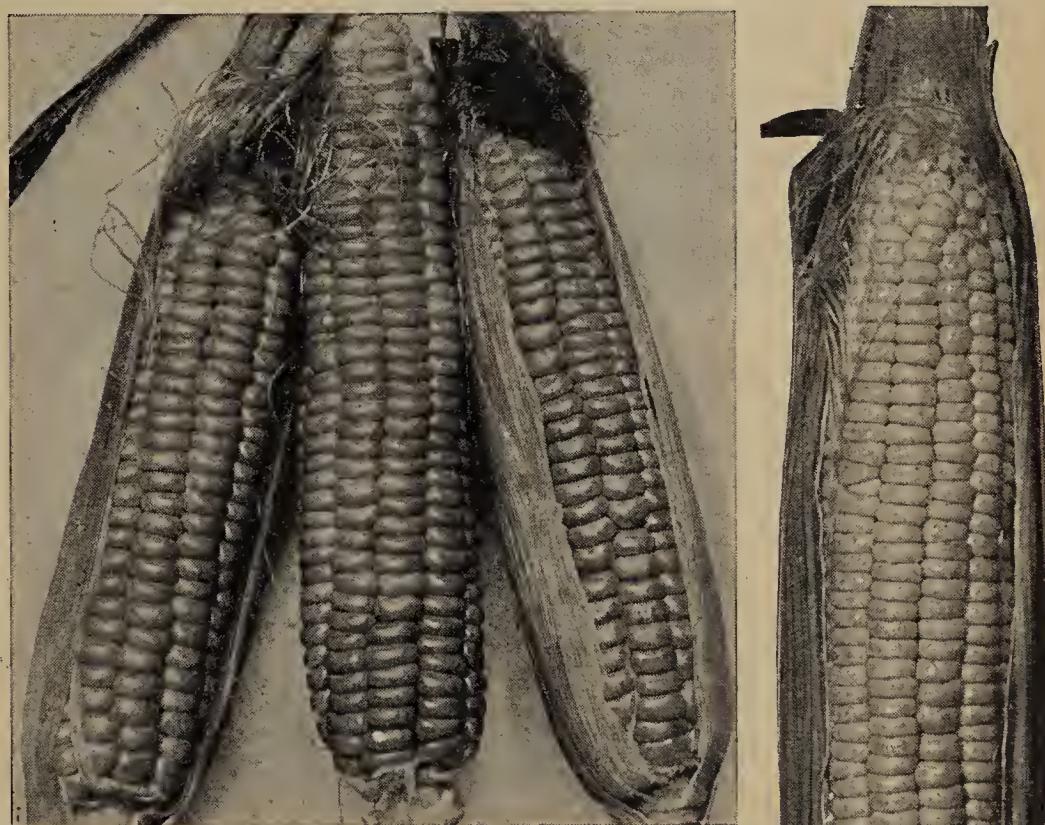
**MINHYBRID 202 (38X42)**—5 days earlier than normal Bantam, but still surpassing it in both quality and yield. Desirable features of this corn have earned national prominence in the Country Gentlemen. Ears: 6 to 8 inches long, 8-rowed, with a few ears 10-rowed; kernels medium large, yellow. Plant: mid-tall, medium suckering, medium early and all ears maturing uniformly. (See front cover.)

**Prices:** Your choice of the New Minnesota Hybrids, Pkt. 10c, ½ lb. 25c, lb. 45c, 2 lbs. 85c, prepaid.—Not prepaid, 5 lbs. \$1.75, 15 lbs. and over at 28c per lb. Be sure to specify Hybrid number.

Farmer Seed & Nursery Co. Dec. 10, 1934.

Your Minhybrid Nos. 202 and 203 are the most excellent Sweet Corn I have ever raised. This corn went through the heavy drought and terrific heat, keeping green while other varieties shriveled and dried up. And ears—Oh Boy!—big fellows, and the most delicious corn I ever tasted—sweet like honey and melting in your mouth like butter. The yield was the heaviest I have had from any Sweet Corn and these Hybrids withstand strong winds without lodging. Next year I am going to raise nothing else.

Henry L. Eisenhuth, Menomonie, Wis.



New Hybrid Minnesota No. 202.

## 244. SPECIAL COLLECTION FOR "ALL SUMMER LONG" PICKING

Now you can pick fresh Sweet Corn throughout the summer and how good that flavor can be if picked just an hour before using. It's easy to arrange this at planting time, and to help you here is a collection that may be planted at the same time and will keep your table supplied with Sweet Corn all summer.

**A—Early Golden Sunshine.** Extra early.  
**B—Golden Bantam.** Medium early. Always dependable.  
**C—Stowell's Evergreen.** Best late white variety.  
**SPECIAL PREPAID** { 1 pkt. of each of these 3 varieties...15c  
**PRICE** { ½ lb. of each of these 3 varieties....50c  
**PRICE** { 1 lb. of each of these 3 varieties....85c



Early Sunshine.



## SWEET CORN—Late Varieties

Early Varieties on Page 9.

**233. BLACK MEXICAN**—(88 days.) A popular midseason, white variety for home or market garden use. Many are misled by the bluish black color of the ripe seed, but when in table condition, kernels are pearly white, rich in flavor and very tender. Ear: 7 1/4 inches long, 8-rowed. Stalk: 6 feet high. Pkt. 5c, 1/2 lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.10, 15 lbs. at 20c per lb.

**234. OREGON EVERGREEN**—(87 days.) A medium late variety which has long been a favorite on the Pacific coast. It has recently been found to produce successfully in the Middle West. We ask canners, home and market gardeners to try this corn. Ear: 7 1/2 to 9 inches long, 14 to 18-rowed, medium thick; kernels clear white, medium length, sweet and of good flavor. Stalks: 7 to 7 1/2 feet. Pkt. 5c, 1/2 lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.10, 15 lbs. 20c per lb.

### 245. EVERGREEN SWEET FODDER CORN

This variety will grow 9 to 10 feet high and produce a great amount of fodder, which is equal to the best hay. It will increase the production of milk wonderfully, when fed to dairy cows. Stalks are sweet, tender, juicy, and nutritious, with large broad leaves produced in great abundance. Lb. 20c, prepaid.—Not prepaid, 5 lbs. 80c. See Blue Figure Price List for larger quantities.

**242. STOWELL'S EVERGREEN**—(90 days.) The most popular late variety of Sweet Corn. Highly desirable for home or market gardening or for canning. Holds its prime condition at eating stage a long time. Ear: 9 inches long, 16 to 20-rowed; kernels clear white, deep medium width, sweet and tender. Stalk: 8 to 10 feet high, sturdy and erect. Pkt. 8c, 1/2 lb. 25c, lb. 40c, 2 lbs. 70c, prepaid.—Not prepaid, 5 lbs. \$1.50, 15 lbs. at 25c per lb.

**243. COUNTRY GENTLEMAN**—(93 days.) Here is a late, prolific variety of excellent quality, used widely by canners; also very desirable for home and market gardens. Ear: 7 1/4 inches long; kernels very deep, slender, sweet, with tender hull, and set irregularly without row formation. Stalks: 7 1/2 feet high, often bearing 2 ears. Pkt. 8c, 1/2 lb. 25c, lb. 45c, 2 lbs. 80c, prepaid.—Not prepaid, 5 lbs. \$1.75, 15 lbs. at 30c per lb.

## SWEET FODDER CORN

**246. GOLDEN EVERGREEN SWEET FODDER**—An excellent yellow sweet fodder corn. Plants are exceptionally leafy, growing 7 to 8 feet tall, and producing 7-inch ears of golden yellow corn; very high in sugar content. The profuse growth of stalk and leaf is also very succulent and all cattle relish this fodder. Lb. 20c, prepaid.—Not prepaid, 5 lbs. 80c. See Blue Figure Price List for larger quantities.

## NORTHERN GROWN POP CORN

Pop corn is a profitable crop and one that is always easily disposed of, because of the large demand for corn for popping. It yields well even in unfavorable corn seasons. It is an excellent crop for the boys and girls to grow, and yields almost as much good fodder as field corn.

Plant 12 pounds to the acre, in drills, or use 6 pounds if planted in hills. Plant in rows 3 feet apart, dropping the seed 1 1/2 feet apart in the rows. We have discarded all but the outstanding varieties of Pop Corn and proven money-makers. Such old timers as White Rice and White Spanish cannot compete in quality and flavor with the newer introductions.

**249. JAPANESE HULLESS**—This dwarf corn is used extensively by pop corn venders. The ears are only 2 to 3 inches long, but every kernel on the cob will pop, so there is no waste. Japanese Hulless Pop Corn is almost again as productive as White Rice. The kernels are longer and more slender, and have no hulls. 2 1/4 oz. pkt. 5c, 1/2 lb. 20c, lb. 35c, 2 lbs. 60c, prepaid.—Not prepaid, 5 lbs. \$1.00, 15 lbs. and more at 18c per lb.

**251. BLACK BEAUTY POP CORN**—A pop corn novelty of genuine merit. Easy to grow and mature wherever Jap Hulless can be grown. Black Beauty produces long straight ears filled with large black kernels. Pops up to high white pop corn of unusual flavor and exceptional tenderness. This tremendous volume of popped corn makes Black Beauty very desirable for making pop corn balls or any other pop corn confection. Pkt. 5c, 1/2 lb. 20c, lb. 35c, 2 lbs. 60c, prepaid.—Not prepaid, 5 lbs. \$1.00, 15 lbs. at 18c per lb.



"Farigold"—The New Sensation, in a Class by Itself.

HERE

IT IS—

**FARIGOLD**

## THE POP CORN SENSATION OF THE AGE

**250. "FARIGOLD" SOUTH AMERICAN YELLOW**—This new variety has taken the country by storm. It is a real Pop Corn sensation—pops the largest kernels of any variety—has a rich golden butter color—very fine flavor and is exceptionally crisp and tender. The ears are much larger than other varieties—7 to 9 inches long and the kernels are golden yellow color. It is the most profitable variety to grow as it produces more bushels per acre on account of its large ears. This Pop Corn is of South American origin. We have successfully matured our own special seed crop here in Minnesota so that the seed we offer will mature earlier. S. A. Yellow Pop Corn cannot be equalled for popping quality—it pops almost double volume of bulk of other varieties and therefore is in great demand by poppers, or for home consumption. (See inside back cover.) Northern Strain: Pkt. 8c, 1/2 lb. 25c, lb. 40c, 2 lbs. 70c, prepaid.—Not prepaid, 5 lbs. \$1.25, 15 lbs. and more at 22c per lb. Farigold Recipe Folder Free.

THE NEWEST INTRODUCTIONS  
No Grower Should Overlook

Carrot, Imperator ..... See page 5  
Celery, Michigan Golden ..... See page 7  
Squash, New Buttercup ..... See page 22  
Tomato, Extra Early Bison ..... See page 23  
Peas, New Tender Giant ..... See page 18  
Sweet Corn, Minnesota's New Hybrids ..... See page 9  
Tomato, Pritchard or Scarlet Topper. See page 23  
Strawberry, New Wayzata Ever-bearing ..... See page 27  
Raspberry, "Latham" and "Chief". See page 29



Stowell's Evergreen.  
One of the Best Late Varieties.

### Pop Corn Habit Approved by Medical Leaders

The Minnesota State Medical Association in a recent bulletin offered this prescription: "One fistful of Pop Corn, one old popper and one hot fire." Doctors think Pop Corn should be made almost an everyday affair. It has a high protein content and supplies vitamins and roughage.

### EAT MORE POP CORN FOR HEALTH! RAPID FIRE POPPING CORN

Everybody likes Pop Corn—you can't eat too much and it is the least expensive of all confections. Serve pop corn balls, crackerjack, sugar corn, or just well buttered pop corn, and provide a real treat on a few moments' notice. We recommend especially "Farigold" or Japanese Hulless—of fine flavor, exceptionally crisp and tender.

#### PRICE, NOT PREPAID:

	5 lbs.	10 lbs.
"Farigold" So. Amer. Yellow, Southern Grown.....	\$0.80	\$1.50
Japanese Hulless.....	.60	1.10
New Hybrid Jap Hulless.....	.70	1.25
Black Beauty.....	.60	1.10

Postage on 5 lbs. to third zone (300 miles) 17c, on 10 lbs. 27c.

**NO STEWART'S WILT DISEASE—WITH F. S. & N. CO'S SEED**  
Here is another seed order; want to tell you that the Minhybrid Sweet Corn I got from you was the finest early corn in our vicinity. Not one plant with Stewart's Wilt Disease, with which this vicinity is infested, and the corn bore nice, long, well-filled ears of a delicious flavor.

May 19, 1934.

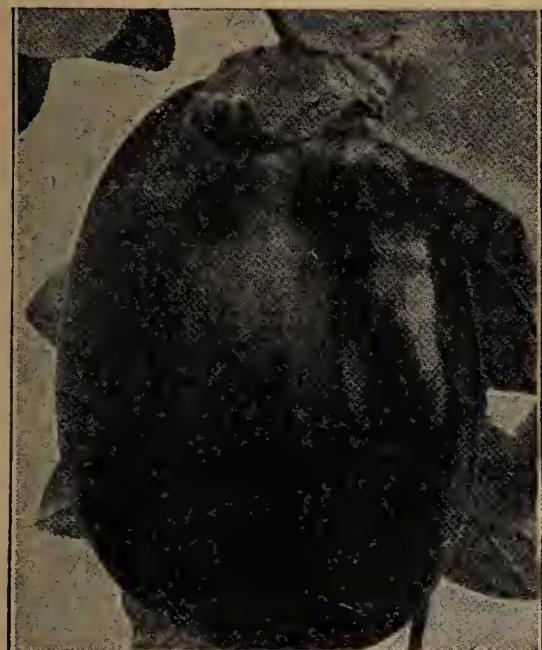
Mrs. Wm. J. Carscadden,  
4848 River Pond, R. 2,  
Flat Rock, Mich.



QUALITY SEEDS—YOUR BEST CROP INSURANCE



# MISCELLANEOUS VEGETABLES



New York Improved Eggplant.

## HERBS FOR SEASONING

Herbs are essential for flavoring and seasoning. They can be used fresh during the summer. For winter use, dry the young stems and leaves, tie in bunches and store in Mason jars, to keep out air and dust.

**660. CARAWAY**—Grown for the seeds, which are used for flavoring. Pkt. 8c, oz. 25c, prepaid.

**661. CHIVES**—Used for seasoning. Of mild onion flavor. Pkt. 8c, 1/2 oz. 35c, oz. 50c, prepaid.

**663. DILL**—Seeds have an aromatic odor and pungent taste. Used for pickles. Pkt. 5c, oz. 10c, 1/2 lb. 40c, lb. 75c, prepaid.

**671. MARJORAM**—The young, tender tops are used green for flavoring, or they may be dried for winter use, for flavoring broths, dressings, etc. Pkt. 8c, oz. 35c, ppd.

**674. SAGE**—The leaves and tops are used very extensively for seasoning. Pkt. 8c, oz. 35c, prepaid.

**675. SUMMER SAVORY**—A hardy annual. The dried stems, leaves and flowers are fine for flavoring soups, dressings, etc. Pkt. 8c, oz. 30c, prepaid.

**676. THYME**—The young leaves and tops are used for seasoning soups, in dressings, etc. Pkt. 8c, oz. 50c, prepaid.

### COLLECTION OFFER

Select any 5 Pkts. above Herbs for 30c, prepaid.

CHIVE PLANTS, Page 25  
GROUND CHERRY, Page 24  
HORSE-RADISH, Page 25  
RHUBARB ROOTS, Page 19  
CITRON, Page 14

## GARLIC

Produces fine, solid, white bulbs in clusters that are used for flavoring sausages, soups, salads, etc. They are easily grown and used quite generally. We offer choice bulbs for planting. 1/2 lb. 25c, lb. 40c, prepaid. Not prepaid, 5 lbs. \$1.50.

## LEEK

A species of onion, valuable for flavoring soups. Plants should be thinned to stand 4 to 6 inches apart in the row. When 6 or 8 inches high, transplant in rows 10 inches apart each way, as deep as possible, so that the neck may be blanched.

**211. LONDON FLAG**—The variety generally cultivated. It is hardy and of good quality. Pkt. 8c, oz. 15c, 1/4 lb. 55c, lb. \$2.00, prepaid.

## EGGPLANT

1 oz. for 1,000 plants.

**300. NEW YORK IMPROVED LARGE PURPLE SPINELESS**—The plants are large, vigorous, spreading, and the fruits are very large, oval, of glossy, dark purple color; usually 4 to 8 fruits are produced by a plant. Pkt. 8c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.15, prepaid.

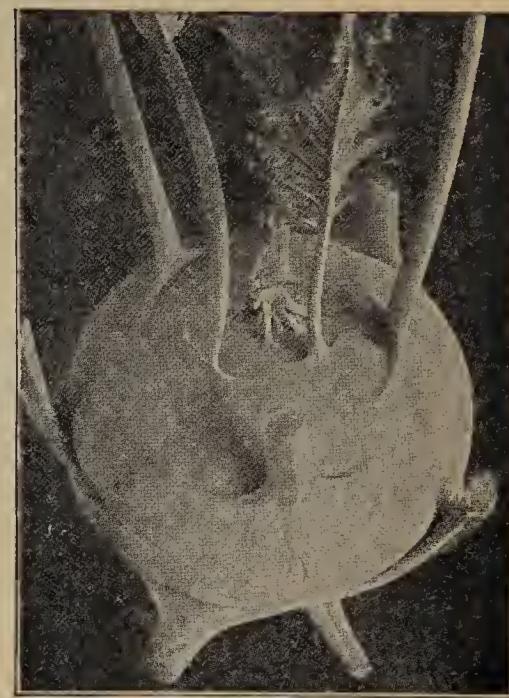
**302. BLACK BEAUTY**—Desirable for the northern states. Earlier than New York Spineless. The fruits are broad, thick, of most attractive form and finest flavor. Their rich, lustrous, purple color is very uniform. Pkt. 8c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.25, prepaid.

## ENDIVE

**305. GREEN CURLED**—A very beautiful sort of which the leaves are very light colored, even the outer ones being nearly white. They are crisp and tender. Pkt. 5c, oz. 10c, 1/4 lb. 30c, lb. \$1.00, prepaid.

## MUSTARD

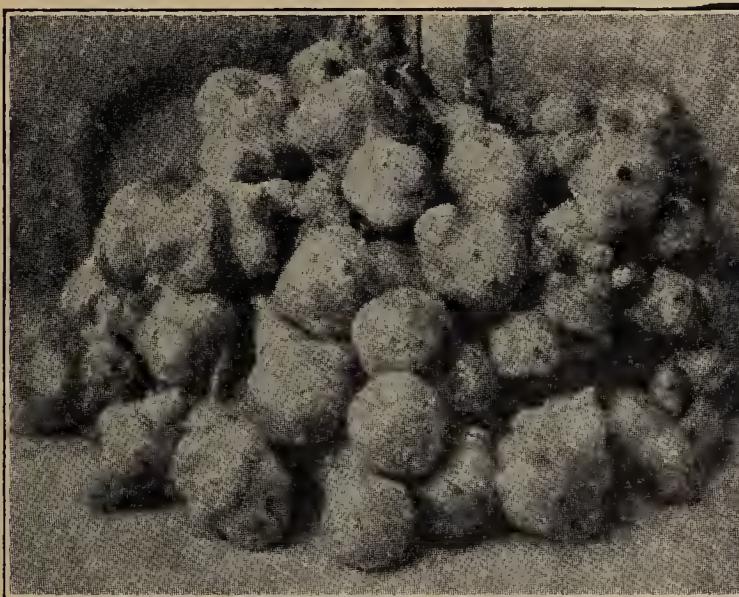
**315. WHITE ENGLISH**—Leaves are comparatively smooth and deeply cut; color medium dark green. Mustard leaves are used as a salad, or cut and boiled like spinach. Seed is used for flavoring, in pickles, etc. Pkt. 5c, oz. 10c, 1/4 lb. 20c, lb. 65c, prepaid.



Kohlrabi Early White Vienna.

## KOHLRABI

Roots grow above the ground and are cooked like turnips, but are of much milder, more delicate flavor, and very tender. Sow in drills 18 inches apart, and thin to stand 4 or 5 inches apart in the rows.



A Single Hill of "Girasol."

## "GIRASOL"—The Lazy Man's Spud

"Girasol" is a tuber, related to both Artichokes and Sunflowers. It is a native of America, though has been grown in Europe for many years, especially in France. The tubers outyield potatoes 2 or 3 to 1, yielding from 10 to 20 tons per acre. "Girasol" tops yield 10 to 20 tons of silage per acre. The foliage becomes so dense that after one or two cultivations the weeds cannot survive.

"Girasol" is propagated by tubers only and cannot become a serious pest. It is not injured by freezing, and it may be harvested in the fall or the spring following.

All stock and poultry like "Girasol" tubers.

### VALUABLE FOOD FOR DIABETICS

The tubers may be eaten raw, or cooked, and are used for human consumption the same as other vegetables. Millions of people who have to limit their use of starchy food, may substitute "Girasol" in which the carbohydrates are in the form of inulin instead of starch. It is particularly valuable for diabetics.

Planting should be done in rows so that silage can be cut with a corn binder and the tubers dug with a potato digger. Will grow on most any kind of soil, the richer the better. Cut the tubers and plant like potatoes.

Send for Special Circular. No shipments made before April 1.

Price: 5 lbs. \$1.00, prepaid.—Not prepaid, 10 lbs. \$1.50. (Write for prices on larger amounts.)

## CELERIAC—Turnip Rooted Celery

The roots are used in salads or boiled like parsnips, or turnips, and have a celery flavor. They keep well all winter. Celery may be cooked and served with cream sauce, or used as a salad.

**205. LARGE ERFURT**—Roots large, smooth, turnip-shaped, excellent flavor. Pkt. 8c, oz. 20c, 1/4 lb. 70c, lb. \$2.50, prepaid.

## KALE OR BORECOLE

Borecole or Kale is a cabbage-like plant which forms no heads, but is used like spinach, for fall, winter and spring greens. Dwarf Kale can be sown late, and need not be transplanted. Frost improves the flavor and quality.

**75. DWARF GREEN CURLED**—Plant is low and compact with large, bright green leaves, curled, and wrinkled. A healthy vegetable, and one of the most palatable when well cooked. Pkt. 5c, oz. 10c, 1/4 lb. 30c, lb. \$1.00, prepaid.

## BRUSSELS SPROUTS

**70.** One of the most delicious vegetables for winter use, of mild cabbage flavor. Plants grow quite tall, the stems being covered with tiny cabbage-like sprouts that are firm and hard. Cook the small heads and serve with butter or a cream sauce. Start the seed indoors, the same as cabbage, and transplant to the garden in May. Pkt. 10c, oz. 20c, 1/4 lb. 75c, prepaid.

**CRESS or PEPPER GRASS**  
**295. FINE CURLED**—Crisp, pungent leaves, finely cut and curled, dwarf and compact. Used mostly for garnishing and as a condiment. Pkt. 5c, oz. 10c, 1/4 lb. 25c, prepaid.

Be Sure To Read About  
"MASTER QUALITY" CHICKS.  
See insert in back  
of catalog.



Crisp-As-Ice  
Lettuce.



### HEAD LETTUCE

**CULTURE**—For early crops start seed in March in the hotbed, covering  $\frac{1}{4}$  inch. When seedlings are 2 inches tall, transplant to coldframes, setting them 4 inches apart each way. When the ground is warm enough transplant to garden, setting plants 1 foot apart, in rows 12 to 16 inches apart. For general crop, make successive sowings during April and May, thinning plants to proper distance apart. For a fall crop, sow seed in August, to head during the cool weather of September and October.

**331. ALL SEASONS**—B.S. (75 days.) A highly prized variety for home or market garden. Does well in hot summer weather. Plant is large with medium dark thick leaves and with large, round, firm butter-head which is deep yellow inside and of excellent quality. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.35, 2 lbs. \$2.50, prepaid.

**332. F. S. & N. CO'S MAY KING**—W.S. (61 days.) The earliest heading variety—for the first outside planting. Plants: small, allowing close planting. Leaves: light green, tinged with brown. Head: small, compact, with golden yellow interior and buttery flavor; of fine quality. Pkt. 8c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50, 2 lbs. \$2.75, prepaid.

**334. MIGNONETTE**—B.S. (66 days.) A very early home garden variety. So sweet flavored and tender that it has become very popular. Plant small; leaves much crumpled, frilled, medium brown, with dark greenish tinge. Heads round, hard, with well blanched, creamy white heart of excellent quality. Pkt. 8c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50, 2 lbs. \$2.75, prepaid.

**335. CRISP-AS-ICE**—B.S. (74 days.) A popular sort for the home garden. Forms compact medium sized head, well blanched and of delicate flavor. Leaves thick and crumpled; deep green overlaid with dark brown, giving the plants a bronze appearance. Pkt. 8c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50, 2 lbs. \$2.75, prepaid.

**336. HANSON**—W.S. (80 days.) Here is a very hardy, sure heading sort for home gardeners or truckers. Can be grown with success anywhere in America, and good for midsummer planting. Plant: very large with broad, curly leaves, fringed at the edges. Head is large, round, hard, white at the heart, tender and sweet. Pkt. 8c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50, 2 lbs. \$2.75, prepaid.

**338. WONDERFUL, NEW YORK, OR LOS ANGELES**—W.S. (80 days.) The outstanding shipping variety, known in all markets. Flavor and tenderness are combined with unusual keeping qualities. Our special strain is noted for the large size of heads. The dark green leaves are slightly curled on the edges. The large, tightly folded cabbage-like head is well blanched, crisp and sweet. Quality is excellent. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.75, 2 lbs. \$4.00, prepaid.

**339. BIG BOSTON**—W.S. (75 days.) Especially valuable for summer and fall use out-of-doors, and for hotbed and coldframe culture. Good for shipping short distances. Leaves smooth and glossy, with edges wavy and tinged reddish brown. The firm, well folded head, butter-yellow at the heart, is of excellent quality. Pkt. 8c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50, 2 lbs. \$2.75, prepaid.

**340. MIXED LETTUCE SEED**—All kinds mixed. If not sown too thickly, will make a continuous crop. The best early and late varieties of curly leaf as well as head lettuce. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00, 2 lbs. \$1.75, prepaid.

Someone sent my name in to you people to send me a catalog last spring, and I had my garden order made out for another company and I liked the appearance and prices in your book so made out an order from yours and found a saving of 65c on a \$5.00 order of seeds. The garden was fine.

Mrs. Jesse Taylor, Holcombe, Wis.

April 21, 1934.

## LETTUCE

1 oz. will sow 125 ft. of row; 4 to 5 lbs. plant an acre.

Note: Days from sowing seed to marketable stage are given here. The letters B.S. and W.S. refer to the black seeded and white seeded varieties.

### CURLED OR LOOSE LEAF SORTS

**CULTURE**—Sow as early in spring as the ground can be worked, in rows 12 inches apart; cover seed  $\frac{1}{4}$  inch. A rich, sandy loam is best. When plants are 3 or 4 inches tall, thin out to stand 6 inches apart. For early crop, start in hotbed in early March, later transplanting the seedlings to coldframes, or to a sheltered position in the garden. If lettuce is cut above the crown, it will grow new leaves. Shooting to seed is due to hot weather and cannot be controlled, for this reason it should be sown very early.

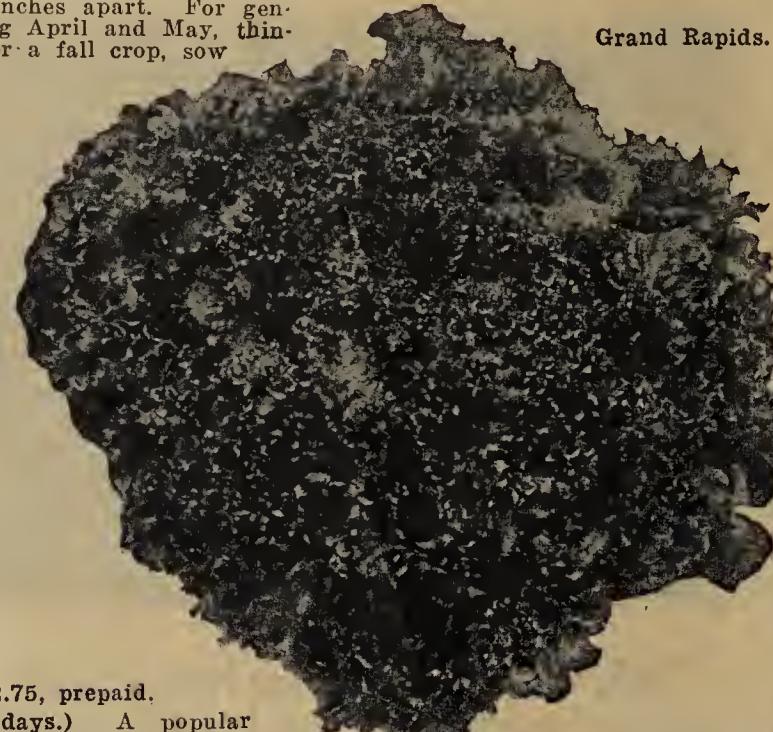
**325. GRAND RAPIDS**—B.S. One of the most popular loose-leaved varieties. Excellent for early planting and greenhouse forcing. It is very early, hardy, and disease resistant and is exceptionally tender when grown under glass. Plants are erect, compact and very handsome. Leaves are light green, broad, wavy, curly and heavily fringed at the edges. Pkt. 8c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50, 2 lbs. \$2.75, prepaid.

**326. BLACK SEDED SIMPSON**—Early and dependable in all parts of America. Popular in many home and market gardens. Plant is large, attractive, compact, non-heading. Leaves are light green, broad and frilled; of fine, crisp texture and splendid quality. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 35c, lb. \$1.25, 2 lbs. \$2.35, prepaid.

**327. SIMPSON'S EARLY CURLED**—W.S. The most widely used home garden variety. Early, hardy, dependable. Plant is large, compact, lustrous green, non-heading. Leaves broad, frilled, firm, very crisp and sweet—of excellent quality. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 35c, lb. \$1.25, 2 lbs. \$2.35, prepaid.

**329. PRIZEHEAD**—W.S. A very early, quick growing, non-heading sort, which is rapidly becoming the most popular loose-leaf variety for home gardens. Plants are medium size; leaves broad, crumpled and frilled; outside leaves tinged red, inner leaves wholly green; very crisp, sweet and tender. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 35c, lb. \$1.25, 2 lbs. \$2.35, prepaid.

**341. CHICKEN LETTUCE**—Chickens need green food. This lettuce will yield a large amount of greens throughout the season, as it makes successive crops after cutting. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 35c, lb. \$1.25, 2 lbs. \$2.35, prepaid.



Grand Rapids.

### MAKE MORE MONEY WITH MASTER QUALITY CHICKS!

Here is your opportunity to get real Master Quality Baby Chicks at lowest prices and—you need not send one cent! They will be sent C. O. D.—postage paid. These are not cheap chicks—our "100% live delivery guarantee" protects you fully.

See insert in back of catalog.

## MUSHROOM SPAWN

Folder With Full Information Free.

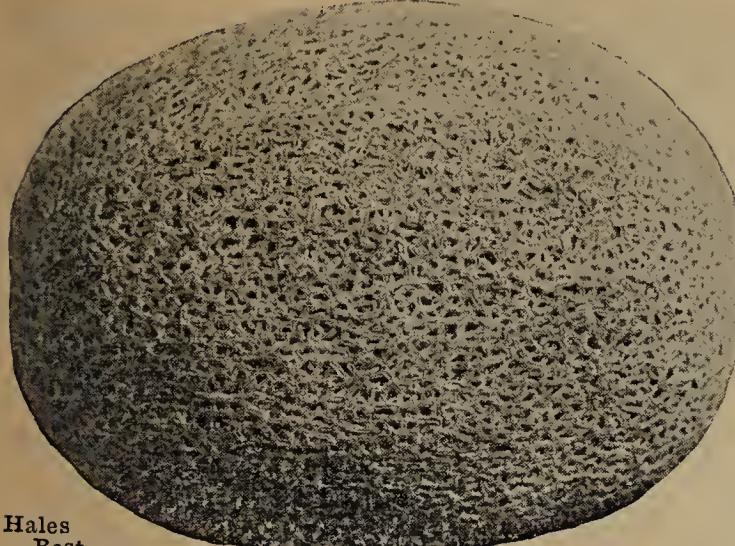
**American Pure Culture**—This spawn is obtained by selecting spores from individual specimen mushrooms, and is propagated and transferred to bricks of manure, which will produce mushrooms true to type with exceptional uniformity and regularity. Bricks weigh about 1  $\frac{1}{2}$  lbs.; a brick will spawn a bed 4 feet square. Pamphlet on mushroom culture with every order.

To grow mushrooms on the lawn, break up the brick of spawn into inch square pieces. Have ready some fresh horse manure, and place a trowel full under the sod at intervals about the lawn. Put a piece of spawn on the manure, and replace the sod. Do this in May. After the warm rains, the lawn will be full of mushrooms.

**Price: Brick**, 40c, prepaid.—Not prepaid: 5 bricks, \$1.65; 10 bricks, \$2.75.



Mushrooms from Spawn.



Hales  
Best.  
(80 days.)

**361. PREMIUM OSAGE**—85 days. An excellent Osage melon about 10 days earlier than Golden Osage, slightly smaller and of same fine table quality. A splendid variety for home garden and for reaching near-by markets early. Fruits: 6 to 7 inches long, almost round. Similar to Golden Osage in all other respects. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. \$1.25, 2 lbs. \$2.35, prepaid.

**363. YELLOW MEATED JAPAN**—The flesh is thick, salmon colored and of sweet delicious flavor. Fruits are of large size, nearly round, slightly ribbed. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. \$1.25, 2 lbs. \$2.35, prepaid.

**364. HEARTS OF GOLD**—95 days. Grown extensively by market gardeners, likewise a good shipping type. Follows the earlier varieties. Quality is splendid. Fruit: 6 inches thick, practically round, weigh 2 lbs., slightly ribbed, covered with fine grey netting. Flesh: very thick, deep pink salmon, tender, juicy, sweet and aromatic. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. \$1.25, 2 lbs. \$2.35, prepaid.

**369. BENDER'S SURPRISE**—90 days. An improved surprise melon which is a splendid shipper and a high quality market melon. Also a favorite of many home gardeners. Fruit: oblong, 8 inches long, 6 inches thick, full rounded ends, weigh 7 lbs., coarse netting, distinctly ribbed; skin hard and greenish yellow at maturity. Flesh: bright salmon, of delicious flavor. Pkt. 8c, oz. 18c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50, 2 lbs. \$2.75, prepaid.

**349. MILWAUKEE MARKET**—87 days. A delicious large salmon fleshed sort; slightly oval in shape, heavily netted and with prominent ribs. Uniform as to size and quality. Flesh: salmon colored, thick and firm, and of aromatic flavor. Medium early, producing ripe melons late in August. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. \$1.25, 2 lbs. \$2.25, prepaid.



### GREEN FLESHED VARIETIES

**350. MINNESOTA MELTING SUGAR**—86 days. The sweetest richest flavored of all green-fleshed muskmelons. Fruit: oval in form, distinctly ribbed and heavily netted. Flesh: very firm, of green color, exceptionally sweet, sugary, juicy and tender, with rich aromatic flavor. Vines yield an abundant crop of uniform sized melons, early in season. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. \$1.25, 2 lbs. \$2.25, prepaid.

**351. EXTRA EARLY HACKENSACK**—80 days. A selection of the Hackensack, ripening fully 10 days earlier. Fruit: good size, heavily ribbed and netted. Flesh: thick, light green, of fine flavor. They are very early, hardy and prolific and among the best market varieties. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. \$1.25, 2 lbs. \$2.25, prepaid.

### 300 A DAY FROM 2 ACRES!

East Grand Forks, Minn.  
We are getting exceptional results from your early Melons. Our two-acre field of Lake Champlain and Osage is yielding over 300 per day of very luscious cantaloupes. Since August 17 (83 days from sowing), have between 1,000 and 1,500 of them. Also the two varieties of Watermelons, Winter and New Wonder, are a wonderful sight.  
This is our best year in many, thanks to your seeds.

F. L. Weekley & Sons, Proprietors,  
Northwestern Plant & Floral Co.

Gardeners—Don't miss the new "Wayzata" Everbearing Strawberry described on page 27—there is money to be made for the wide-awake.

(WATERMELONS ON FOLLOWING PAGE.)

## MUSKMELON

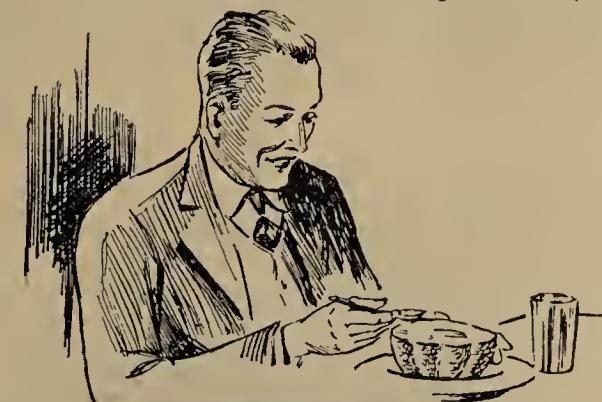
One ounce of seed will plant 60 hills, 2 to 3 pounds per acre.

**CULTURE**—Muskmelons or cantaloupe require warm, rich soil, slightly sandy. Plant when all danger of frost is past, in hills 6 feet apart each way, 8 to 10 seeds to a hill. Well-rotted manure carefully worked into the soil is beneficial. After danger of insects is past, thin out to 3 or 4 plants to a hill. Cultivate until vines cover the ground, and pinch off the ends of the vines. Give them plenty of moisture. Early melons ripe in 80 to 100 days. General crop, 110 to 140 days.

### SALMON FLESHED VARIETIES

**359. EARLY LAKE CHAMPLAIN**—75 to 80 days. Absolutely the earliest of all orange fleshed melons. Fine flavor and quality. A very good early market and home garden variety. Fruit: nearly round, 5 to 6 inches in diameter, slightly ribbed and covered with an open, moderately coarse netting. When fully ripe, fruits show a golden yellow color through the netting. Flesh: fairly thick, deep orange-salmon in color, juicy and very sweet. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. \$1.25, 2 lbs. \$2.25, prepaid.

**357. NEW SUGAR ROCK OR HONEY ROCK**—85 days. This is the newest outstanding muskmelon. It is a money-maker and a source of pride for every grower because of its handsome appearance, marvelous and distinctive flavor, and wonderful shipping qualities. Sweet as sugar, solid as a rock and easy to grow. Very popular among home and market growers. (See inside back cover). Fruit: nearly round, about 6 inches in diameter, weigh 4 lbs. Skin grey-green, covered with coarse netting. Flesh: thick, juicy, orange-salmon color, with fine flavor. Pkt. 8c, oz. 18c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50, 2 lbs. \$2.75, prepaid.



**358. HALES BEST**—80 days. An outstanding early shipping cantaloupe. Flavor and quality excellent, and withstands drought remarkably well. Can be shipped long distances. Fruit: oval, 6½ inches long, almost devoid of ribbing, covered with heavy netting. Flesh: extremely thick, salmon-orange color, sweet and of fine quality. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. \$1.25, 2 lbs. \$2.25, prepaid.

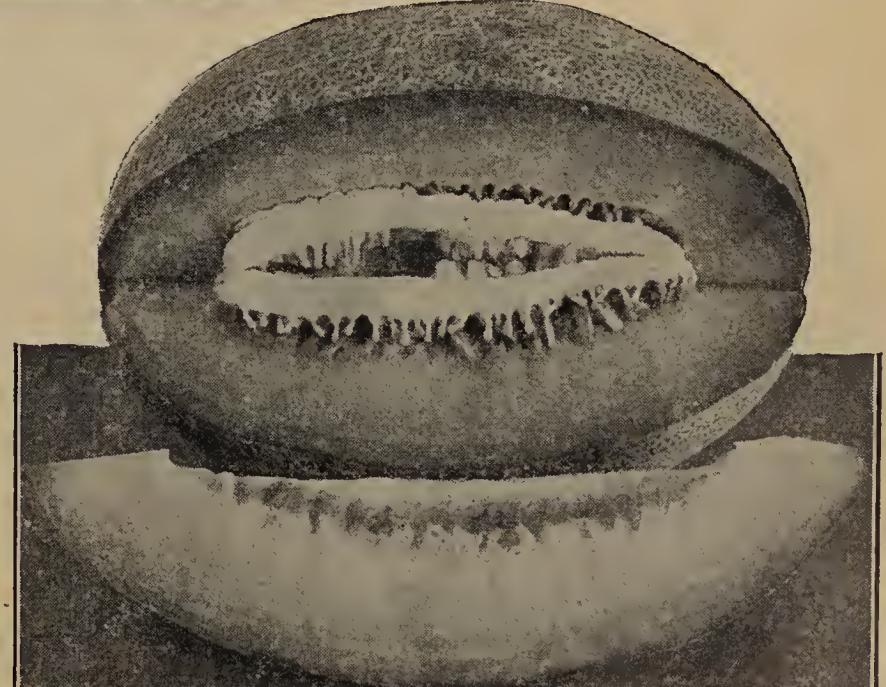
**360. GOLDEN OSAGE**—95 days. Excellent for home and local market garden use; not a good shipper, but a heavy yielder of exquisite flavored melons. Fruits: oblong, 8 inches long, weigh 6 lbs.; exterior very dark green, deeply ribbed, covered with slightly grey netting. Flesh: very thick, deep pink salmon color, fine grained, juicy and sweet. Pkt. 8c, oz. 18c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50, 2 lbs. \$2.75, prepaid.

### Special All-Season Collection

Here is a Collection that will keep you supplied with luscious Muskmelons all season long. The cream of all varieties for home garden.

One packet each of the following:  
Lake Champlain—Extra early.  
Golden Osage—Medium.  
New Sugar Rock—Main crop.  
The 3 packets, all  
prepaid for.....

15c



Minnesota Melting Sugar—Best of the Green Sorts.

# WATERMELON

One ounce of seed for 30 hills; sow 4 to 5 pounds per acre.

**CULTURE**—The best soil for growing watermelons is light, rich, and sandy. When the ground is thoroughly warm, and all danger of frost is past, drop 8 to 10 seeds in hills 8 to 10 feet apart, covering the seed about an inch. When the plants begin to run to vines, thin out all but the 3 strongest plants in each hill. Hoe often and thoroughly.

For bugs, dust with Garden Guard or Nok-Em-Kold, and for lice, spray with Evergreen. See page 73.

**370. COLE'S EARLY**—(75 to 80 days.) A leading first early variety for home garden and truckers to local markets; reasonably productive, and particularly desirable for the Northwest as it matures in a short season. Fruit: weight 20 lbs., medium size, short, oval, with alternate light and dark green stripes; tender rind. Flesh: pink-red, of good flavor; seeds black. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 35c,  $\frac{1}{2}$  lb. 55c, lb. \$1.00, prepaid.

**371. EARLY ROUND LIGHT ICING**—(85 days.) A very productive mid-season melon of excellent quality. Adapted to home or market gardens in the Northwest. Fruit: weight 20 lbs., oval round, very uniform, light green, with indistinct veining of darker green. Rind thin and tender. Flesh: light red, of excellent quality; seeds white. Pkt. 8c, oz. 12c,  $\frac{1}{4}$  lb. 40c,  $\frac{1}{2}$  lb. 65c, lb. \$1.20, prepaid.

**373. ANGELINO**—(95 days.) An ideal melon for family use because of its sweet flavor, convenient size, and ease of production. The veins stand out distinctly when ripe. Fruit: medium size, round, very dark green. Flesh: deep red and solid. Seeds black. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 35c,  $\frac{1}{2}$  lb. 55c, lb. \$1.00, prepaid.

**376. STONE MOUNTAIN**—(90 days.) A high quality shipping variety, recently introduced, and already popular in northern markets; also highly desirable for garden planting. A rare combination of large size, good shipping qualities, and mid-season maturity. Fruit: very large, weight 30 to 50 lbs., oval-round with blunt ends; dark green with tough rind. Flesh: rich scarlet, fine grained and sweet. Seeds white with black tips. Pkt. 8c, oz. 12c,  $\frac{1}{4}$  lb. 40c,  $\frac{1}{2}$  lb. 65c, lb. \$1.20, prepaid.

**384. WONDER MELON**—(85 to 88 days.) A fine, sweet, juicy, luscious melon for home garden or local market growing, but not adapted to shipping long distances. Fruit: weight 30 to 50 lbs., large, cylindrical, with slight ribbing, dark glossy green; very attractive with thin rind. Flesh: deep red, juicy and sweet. Seeds broad and white. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. 85c, lb. \$1.00, prepaid.

**388. MIXED WATERMELON**—For those of our customers wishing an assortment of watermelons, we have put up a special mixture containing our best and most popular varieties. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. 85c, prepaid.

**390. CITRON**—For making preserves. Flesh: clear white and solid. Fruits: round and smooth, quite small. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 35c, lb. \$1.00, prepaid.



Early Klondike.

**372. EARLY KLONDIKE**—(80 to 82 days.) An early type melon very popular with the home gardener and also highly desirable for shipping. In eating quality it has no equal. Fruit: weight 20 to 25 lbs., oblong, slightly tapering to blossom end; medium sized with slight ribs. Rind medium hard. Flesh: bright deep red, tender and very sweet. Seeds small, black and white. Pkt. 8c, oz. 15c,  $\frac{1}{4}$  lb. 45c,  $\frac{1}{2}$  lb. 70c, lb. \$1.25, prepaid.

**375. ICE CREAM OR PEERLESS**—(80 to 85 days.) An early sort, well adapted to home gardens and roadside market growers in the North, but not a good shipper. Quality and flavor are splendid. Fruit: weight 20 to 25 lbs., short, oblong, medium green, with fine veining. Rind: thin, tender. Flesh: bright red, very sweet. Seeds white. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 35c,  $\frac{1}{2}$  lb. 55c, lb. \$1.00, prepaid.

Feb. 14, 1934.  
I have planted your seeds for 15 years and always have a splendid garden. Thanking you for years of splendid service and trusting to hear from you soon.

Mrs. Val. H. West,  
Thompson, N. D.



New "Moon and Stars" Melon.



Kleckley's Sweet, a delicious medium early Melon.



Cole's Early.

Our Special Market Gardeners' Price List gives wholesale quotations on finest strains of vegetables for market selling. Don't fail to ask for it.

**386. EARLIEST AND SWEET**—(75 days.) A fine early home garden melon, perfectly adapted to the short growing seasons of the Northwest. Fruit: medium size, weight 10 to 15 lbs., oblong shape, rind mottled with several shades of green. Flesh: scarlet, of extra fineness and sweetness. Entirely free from stringiness. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 35c,  $\frac{1}{2}$  lb. 55c, lb. \$1.00, prepaid.

**215. WHITE VELVET**—Height 3  $\frac{1}{2}$  feet; long white pods. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 30c, lb. 75c, prepaid.

**380. MOON AND STARS WATERMELON**—It gets its name from the bright yellow spots scattered over the dark green skin of the Melon. The moon is an occasional large spot about an inch across and scattered around it are dozens of small yellow stars. Of medium size, very tender and sweet. Sells readily because of its unusual appearance. Flesh: deep red, crisp and sweet. Seeds black. Pkt. 10c, oz. 18c,  $\frac{1}{4}$  lb. 50c,  $\frac{1}{2}$  lb. 90c, lb. \$1.60, prepaid.

**383. KLECKLEY'S SWEET**—(85 days.) A splendid medium early variety, especially desirable for home garden use and for truckers serving local markets. It will not stand long distance shipping. A melon of outstanding quality and unusual sweetness. Fruit: large, weight 30 to 40 lbs., cylindrical, dark bluish green, with thin tender rind. Flesh: bright red, tender and extremely sweet. Seeds white. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c,  $\frac{1}{2}$  lb. 40c, lb. 75c, prepaid.

**385. GOLDEN HONEY**—(88 to 90 days.) An excellent home garden or local market melon with amber-yellow flesh that is so sweet, crisp and glistening it fairly melts in your mouth. Fruit: medium size, weight 20 lbs., chunky, nearly round, light green with mottled darker green stripes; rind brittle. Flesh: amber-yellow, crisp and delicious, free from stringy sections. Seeds brown. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 35c,  $\frac{1}{2}$  lb. 55c, lb. \$1.00, prepaid.

**382. NEW WINTER MELON**—(78 days.) Here's a sweet luscious watermelon for your Thanksgiving dinner, from your own garden. An early sort, very prolific and an excellent shipper. This melon will keep 2 months after picking if properly stored. Fruit: small, weight 10 lbs., round, pale yellow when ripening. Flesh: bright red, crystalline, very sweet. (See inside back cover.) Pkt. 8c, oz. 12c,  $\frac{1}{4}$  lb. 40c,  $\frac{1}{2}$  lb. 65c, lb. \$1.20, prepaid.

## OKRA OR GUMBO

The young seed pods of this plant are used for the well known and delicious gumbo soups. Plant in spring as soon as danger of frost is past. Cultivate the same as corn.

**217. DWARF GREEN**—Grows low, is very productive. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 30c, lb. 75c, prepaid.



### THE ONION SEED CROP SITUATION

Crops in main growing sections injured by mildew. Shortest seed crop in a dozen years. Some varieties will be unobtainable by planting time, as only 10% to 15% of a normal crop was harvested of certain varieties. Advise early buying and guarding against cheap foreign seed which is not adapted to this country.



### A FIELD OF FARIBAULT RED GLOBE ONIONS IN FULL BLOOM AT THE F. S. & N. CO'S FARM, FARIBAULT, MINN.



See Also  
Page 16.

## DEPENDABLE ONION SEED

Onion Sets and  
Onion Plants on Page 16.

One ounce of seed will sow 150 feet of drill; sow 5 to 6 pounds per acre.

**CULTURE**—The soil should be very carefully prepared for onions. The richer the soil, the better the crop will be. Plenty of fertilizer and wood ashes, well spaded in, are essential. Sow the seed as early as the ground can be worked, in rows 15 to 18 inches apart, covering  $\frac{1}{2}$  inch deep. When the seedlings are 3 or 4 inches tall, they should be thinned out to stand 3 inches apart in the row. Keep them free from weeds and hoe often.

Pull the onions when the tops die down, dry them off, and store for winter use in a cool, dry place.

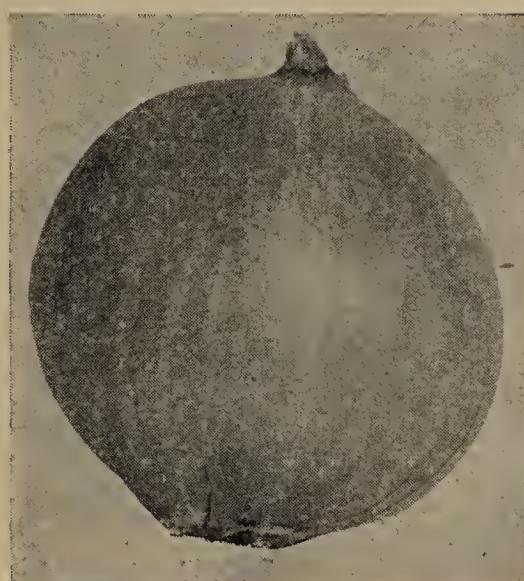
The Globe onions are the best keepers, and the best winter onions. White onions are of milder flavor than the red and yellow, therefore most desirable for the table. Prizetaker, Silver King, and Sweet Spanish are the mildest of all. Prizetaker, Mountain Danvers and Yellow Globe onions, being very mild and also excellent keepers, are the best to grow for the home garden. Barletta and Silverskin are grown largely for pickles, and White Welsh for "green" onions.

The best market gardeners depend on these strains for better profits.

**395. FARIBAULT RED GLOBE**—(Late.) The finest red onion. We offer our special strain of Red Globe produced by years of careful breeding. The perfect globe type is thoroughly established in this variety, resulting in bulbs of the most uniform shape and attractive appearance. They are highly productive and fine keepers. Bulbs: perfectly round, of good size, with small neck and thick, deep purplish red skin. Flesh: white, tinged with pink, of strong flavor. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. 95c, lb. \$3.50, 2 lbs. \$6.75, prepaid.

**397. MINNESOTA SOUTHPORT YELLOW GLOBE**—(Late.) A very handsome golden yellow globe of good size and mild flavor, which is very popular on the market. It is a good cropper, medium late, hardy, and possesses excellent storage qualities. Bulbs: medium large, round, yellow, firm and solid. Flesh: white with slight yellow tone. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.65, 2 lbs. \$7.00, prepaid.

**398. MINNESOTA SOUTHPORT WHITE GLOBE**—(Late.) This is the finest of all white sorts. Its unusually handsome appearance brings a premium on all markets. It keeps well in fall storage. To get fine white onions, great care should be exercised in harvesting the crop. Pull as soon as they are ripe enough to harvest and dry in an airy, shady place. Bulbs: round, medium sized, solid, pure white, very attractive, skin thin and delicate. Flesh: waxy white, fine grained and mild. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. 95c, lb. \$3.50, 2 lbs. \$6.85, prepaid.



Mountain Danvers.



Giant Chinese "One-A-Meal."

(MORE ONIONS ON FOLLOWING PAGE.)

**399. MOUNTAIN DANVERS**—(Early.) This strain is commanding a lot of attention as it is the earliest yellow globe variety and was developed in the mile-high regions of Colorado. It remains firm and usable much longer than any other variety—its color is a fine golden yellow—flavor is mild, and its carliness and long-keeping qualities make Mountain Danvers most suitable for marketing and a profitable variety to grow. Bulbs: three-quarter globe shape, slightly flattened at the base, dark yellow, very hard and thick skinned. Pkt. 8c, oz. 25c,  $\frac{1}{4}$  lb. 85c, lb. \$3.25, 2 lbs. \$6.35, prepaid.

**402. EBENEZER OR JAPANESE ONION**—(Medium Early.) An excellent variety for producing sets of exceptional keeping quality. Also a fine flavored onion for home garden and table use. Ebenezer sets when planted make an early-maturing, good-keeping onion for market. Bulbs: deep-flat, of medium size, dark yellow, very firm with thick skin. Pkt. 8c, oz. 25c,  $\frac{1}{4}$  lb. 80c, lb. \$2.75, 2 lbs. \$5.30, prepaid.

**403. LARGE RED WETHERSFIELD**—(Late.) One of the most extensively grown large red onions. A heavy yielder and a splendid keeper. Used extensively for sets and for storage. Bulbs: medium large, flat on the bottom with sloping top; purplish red. Flesh: fine grained, firm, slightly flushed with pink. Pkt. 8c, oz. 25c,  $\frac{1}{4}$  lb. 85c, lb. \$3.00, 2 lbs. \$5.80, prepaid.

**407. YELLOW GLOBE DANVERS**—(Medium Early.) A popular, hardy strain of Yellow Globe. It is fairly early and a good cropper. Used extensively for storage. Bulbs: medium large, round, yellow, firm and solid. Flesh: fine grained, creamy white, crisp, mild and of excellent flavor. (See inside front cover.) Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 85c, lb. \$3.25, 2 lbs. \$6.35, prepaid.

**408. MAMMOTH SILVER KING**—(Early.) A large imported variety valuable for early market and of excellent table quality. Bulbs: deep and flat, pure white and exceptionally mild. Pkt. 8c, oz. 20c,  $\frac{1}{4}$  lb. 70c, lb. \$2.50, 2 lbs. \$4.80, prepaid.

### THE NEWEST INTRODUCTION

Direct from the Orient!

**400. THE GIANT CHINESE GREEN ONION**—"One-A-Meal." A remarkable green onion of splendid quality. (A perennial.) The striking and attractive white stems grow to the enormous size of 25 to 30 inches in length with 2  $\frac{1}{2}$ -inch diameter, weighing over 3 pounds, on a single stalk. The white part grows very long and straight without the knob. They have a very mild flavor and attain a good marketable size very quickly and need no bunching. Sell at top price for early market. They grow where any green onion can be grown. Pkt. 15c, oz. \$1.25,  $\frac{1}{4}$  lb. \$4.00, lb. \$15.00, prepaid.

## ONION SEED (Continued)

See also  
page 15.

**405. WHITE BERMUDA OR CRYSTAL WAX**—An excellent onion for home garden. Beautiful in appearance, both skin and flesh being a clear delicate white. Bulbs: very flat, medium sized, clear white; of mild delicate flavor. Pkt. 8c, oz. 25c,  $\frac{1}{4}$  lb. 85c, lb. \$3.00, 2 lbs. \$5.80, prepaid.

**406. PRIZE-TAKER**—This onion is outstanding because of its great size and splendid quality. It is similar in type to the large Spanish onions. Our special strain is exceptionally productive. It is a very popular shipping sort. Bulbs: large, globe shape; skin thin and glossy, of straw color; flavor mild. Pkt. 8c, oz. 25c,  $\frac{1}{4}$  lb. 85c, lb. \$3.00, 2 lbs. \$5.80, prepaid.

**409. EXTRA EARLY BARLETTA**—An exceptionally early sort, very popular for pickling and green bunching. Bulbs: small, flat, pure white, of mild sweet flavor. Pkt. 8c, oz. 25c,  $\frac{1}{4}$  lb. 80c, lb. \$2.75, prepaid.

**410. EARLY WHITE WELSH**—A hardy perennial, used exclusively for green bunching onions. This variety does not produce bulbs, but provides a good crop of the finest green onions for the market early in spring, in advance of those from sets. They may be left in the ground for years. Seed may be sown in August and September for extra early crop in spring. Pkt. 8c, oz. 25c,  $\frac{1}{4}$  lb. 80c, lb. \$3.00, prepaid.

**411. WHITE PORTUGAL OR SILVER-SKIN**—(Medium Early.) The most widely used white onion. It might be called an all-purpose variety, as it is excellent for sets, as a pickler, for green bunching and for storage. Bulbs: medium size, thick-flat, clear white, hard, fine grained and of pleasing flavor. It is a dependable cropper. Pkt. 8c, oz. 20c,  $\frac{1}{4}$  lb. 75c, lb. \$2.75, 2 lbs. \$4.25, prepaid.

## ONION SETS

Crop very short. Set growers averaged 25% of a crop. Many growers did not harvest. Sets this season will run uneven in size, but we will have the best stocks available. Order early, however, as these stocks will not be sufficient to fill the demand.

32 lbs. equal 1 bushel. One lb. of sets will plant 25 feet of row or 12 bu. will plant an acre.

Onion sets are planted for onions for early spring use. A pound or two is sufficient for the average family garden. They produce green or bunch onions in half the time it takes to raise these from seed, and can be planted before it is safe to plant anything else.

We quote prices on one pound quantities prepaid. For larger quantities, add postage.

**JAPANESE OR EBENEZER ONION SETS**—In shape and color, this variety resembles Yellow Globe Danvers, but it generally produces 50% more onions per acre. Its great superiority over other onions is the big yields, long keeping quality, and freedom from going to seed. Japanese sets produce marketable onions in June and July, long before any others are ready. Price: Lb. 35c, prepaid.—Not prepaid, 4 lbs. 75c, peck \$1.15, bu. \$4.25.

**EGYPTIAN PERENNIAL SETS**—A hardy variety that may be planted either in spring or fall. They require no attention, spread rapidly, and make the first green onions for the table in spring. Price: Lb. 35c, prepaid.—Not prepaid, 4 lbs. 70c, peck (7 lbs.) \$1.10, bu. (28 lbs.) \$4.00.

**SUMMER TOP SETS**—Earliest of all. Planted both for early green onions and for late eating stock. Price: Lb. 40c, prepaid.—Not prepaid, 4 lbs. \$1.00.

**YELLOW MULTIPLIERS**—Price: Lb. 40c, prepaid.—Not prepaid, 4 lbs. 90c.

**WHITE BOTTOM SETS**—Price: Lb. 40c, prepaid.—Not prepaid, 4 lbs. 80c, peck \$1.25, bu. \$4.50.

**YELLOW BOTTOM SETS**—The onions commonly planted in the home garden, for early green onions, also for later use. Price: Lb. 35c, prepaid.—Not prepaid, 4 lbs. 75c, peck \$1.15, bu. \$4.25.

**RED BOTTOM SETS**—These sets were not even offered last season due to a practically total crop failure. Price: Lb. 35c, prepaid.—Not prepaid, 4 lbs. 75c, peck \$1.15, bu. \$4.25.

**412. SWEET SPANISH OR VALENCIA**—Here is a new variety of onion that deserves a place in every garden. It is about the mildest onion in cultivation, a product of old Spain, now acclimated to our growing conditions. In appearance it greatly resembles the Prizetaker, with a skin of bright golden straw color. However it is even larger than Prizetaker, and for table slicing it rivals the Bermuda—it may be eaten like an apple. Very prolific and desirable for shipping and fall storage—a money maker for market gardeners. Bulb: very large, globular with golden yellow skin; flesh white, very mild and of pleasing flavor. Pkt. 8c, oz. 25c,  $\frac{1}{4}$  lb. 85c, lb. \$3.25, 2 lbs. \$6.35, prepaid.

Prize-taker.  
Mild,  
Large.

Sweet Spanish.  
Extremely  
Popular  
for Home  
or Market.



**414. MIXED ONION SEED**—This mixture contains seed of all varieties, Globe, Wethersfield, early and late, and "green" onions. It is fine for the small garden, as it will furnish a supply of onions all summer and for winter storage. Also recommended for growing sets. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75, 2 lbs. \$3.40, prepaid.

**CHIVES**—See page 25.

For the most practical Gardening Tools and Implements at low cost, see page 74. Garden Fertilizers on page 72. Insecticides on page 73.

BE SURE to try the latest in green onions—the Giant Chinese "One-A-Meal," on page 15.

## BERMUDA ONION PLANTS

Grow your own first young table onions from Bermuda Onion plants. The plants are grown in Texas from the finest strains of Onion Seed. Like our Frost Proof Cabbage Plants, these onions are grown from seed outdoors, during the winter, and are subjected to cold, ice and snow. They will produce onions two weeks ahead of those raised from seed, and are just about as cheap.

They are perfectly hardy, easy to grow and produce the finest mild-flavored young onions in the shortest possible time. We ship them in bundles of 200 plants, all ready to set out, guaranteed to reach you in proper growing condition. Use them as green onions, or let them develop to creaming size. If allowed to continue growing they will develop good-sized bulbs. Orders will be shipped at proper time for setting out. Set out 100,000 plants per acre.

We can usually supply the following varieties: Yellow Bermuda, Crystal Wax, Prizetaker and Valencia, but in case of shortage we reserve the right to send the varieties available when order reaches us. We prepay to 3rd zone only (300 miles). Beyond that at customers' risk.

Price: 200 plants 50c, 500 plants 95c, 1,000 plants \$1.50, prepaid.—Not prepaid, case of 6,000 plants, \$4.95. Weight per case, 35 lbs.

**GARLIC BULBS**—Used for sausage, soups, salads, etc.  $\frac{1}{2}$  lb. 25c, lb. 40c, prepaid.—Not prepaid, 5 lbs. \$1.50.



Early White Welsh, a splendid "green onion." Grown from seed.

## NORTHERN GROWN PEAS

Sow 1 pound for 50 feet of drill; 2 to 3 bushels per acre.

In order to have luscious, tender peas throughout the summer, even after hot weather sets in, plant all your peas early in spring, at the same time, using extra early, main crop, and late sorts. Peas require cool, moist weather and early planting, to develop their roots and set the crop. They may be planted as soon as the ground can be worked, from April 1 to May 15, in this latitude. By planting such varieties as Extra Early Eight Weeks, Little Marvel, Thomas Laxton, Laxton's

Progress, Potlatch and Quite Content, you can pick peas from your garden almost until fall.

**CULTURE**—Garden Peas do best in light, rich soil, and are quite hardy, requiring fairly cool weather. The extra early varieties can be sown just as soon as the ground can be worked, early in April here. Sow in rows 24 to 26 inches apart, covering the seed about 2 inches deep. The tall varieties should be supported with brush, or twine and light stakes.

### SPECIAL "ALL SEASON" COLLECTION OF GARDEN PEAS.

**510. FRESH PEAS ALL SUMMER**—We have selected varieties which will mature in succession, and furnish a continuous supply of delicious peas. We promise they will more than please you.

Prepaid to Third Zone:	<b>EXTRA EARLY EIGHT WEEKS</b> —Best early pea (56 days) .....	1 pkt. of each variety 20c.
	<b>LITTLE MARVEL</b> —Midseason. Always very delicious (60 days) .....	1/2 lb. each 60c.
	<b>POTLATCH</b> —Late. Never disappoints (78 days)	1 lb. each \$1.00.

### EXTRA EARLY PEAS

**448. EXTRA EARLY EIGHT WEEKS**—(56 days.) (Semi-wrinkled.) This is the earliest sort in common use. A splendid variety to produce the first home garden peas on the family dinner table. The earliest peas on the market—seed scarce. Vines: 13 inches high, very dwarf, slender. Pods: 3 inches long, single and double, pointed, dark green, slightly curved, contain 7 to 9 peas of exceptional quality when picked young. Seeds: small, grey green, dimpled. Pkt. 10c, 1/2 lb. 25c, lb. 45c, 2 lbs. 80c, prepaid.—Not prepaid, 5 lbs. \$1.25, 15 lbs. at 22c per lb.

### INOCULATE GARDEN PEAS



**FOR BETTER  
YIELDS.**

Garden size pkt. 15c, 2 for 25c. Peas grow bigger and better when "inoculated." Our inoculant contains billions of bacteria which help draw nitrogen plant food from the air. Recommended by all authorities. Garden size pkt. for 5 lbs. of seed 15c, 2 for 25c, prepaid. "Master Farmer" Legume Inoculator. For treating larger quantity seeds, 1-bu. size (60 lbs.) 35c, 2-bu. size 50c, 5-bu. size \$1.00, prepaid. See page 61.

Many varieties of Peas are very short crop. Order early.

### EARLY WRINKLED PEAS

**460. THOMAS LAXTON**—(58 days.) A deservedly popular early variety for home and market garden use. Also highly prized by shippers and canners. Quality and yield are excellent. Vines: 33 inches high, medium green and heavy. Pods: 3 1/2 inches long, single, plump, broad; contain 7 to 8 large tender peas of good quality. Seeds: medium size, cream and green, wrinkled. Pkt. 8c, 1/2 lb. 22c, lb. 40c, 2 lbs. 75c, prepaid.—Not prepaid, 5 lbs. \$1.10, 15 lbs. at 20c per lb.

**461. LAXTON'S PROGRESS**—(60 days.) The largest podded and most attractive of the Laxtonian family. A good sort for shipping to distant markets, also for home and market garden planting. Of fine quality and abundant yield. Vines: 17 inches high, medium dark green. Pods: 4 1/2 inches long, 7/8 inches wide, single, dark green, somewhat curved, pointed, handsome; contain 7 to 9 large peas of good quality. Seeds: large, wrinkled, cream with green color. Pkt. 10c, 1/2 lb. 25c, lb. 45c, 2 lbs. 80c, prepaid.—Not prepaid, 5 lbs. \$1.20, 15 lbs. at 21c per lb.

**470. GIANT LAXTONIAN**—(60 days.) Here is the best known of the early, dwarf, large podded sorts. Used largely for home gardens and by truckers and shippers. Our featured strain has exceptionally large pods. Vines: 18 inches high, dark green, rather coarse; "top off" well at maturity. Pods: 4 1/2 inches long, single, broad, dark green, slightly curved, pointed; contain 7 to 8 large succulent peas. Seeds: large, flattish, yellow and green, wrinkled. Pkt. 10c, 1/2 lb. 25c, lb. 45c, 2 lbs. 80c, prepaid.—Not prepaid, 5 lbs. \$1.20, 15 lbs. at 21c per lb.

**471. LITTLE MARVEL**—(60 days.) Outstanding among the older varieties of dwarf peas, Little Marvel continues to be extensively used on account of its exceptional quality and yield. Valuable for home garden and early shipping. Vines: 18 inches high, dark green, stocky. Pods: 3 inches long, single and double, blunt, plump, well filled with 7 to 8 tender peas. Seeds: medium size, light green, squarish, wrinkled. Pkt. 10c, 1/2 lb. 25c, lb. 45c, 2 lbs. 80c, prepaid.—Not prepaid, 5 lbs. \$1.25, 15 lbs. at 22c per lb.

**472. AMERICAN WONDER**—(58 days.) Our stock of this old popular pea is the true extra-dwarf, early strain. Well suited to home gardening and highly productive. Vines: 12 to 14 inches high, dark green. Pods: 2 1/2 inches long single and double, light green, blunt, straight and well filled with 6 peas. Seeds: medium sized, wrinkled, largely square, green. Pkt. 8c, 1/2 lb. 22c, lb. 40c, 2 lbs. 75c, prepaid.—Not prepaid, 5 lbs. \$1.10, 15 lbs. at 19c per lb.



**473. NOTT'S EXCELSIOR**—(59 days.) Similar to American Wonder but with taller vine and slightly larger pod. Vines: 16 inches high, dark green, slender. Pods: 3 inches long, single, blunt, round, plump, light green, well filled with 6 to 7 medium size, tender peas. Seeds: wrinkled, square, light green. Pkt. 8c, 1/2 lb. 22c, lb. 40c, 2 lbs. 75c, prepaid.—Not prepaid, 5 lbs. \$1.10, 15 lbs. at 19c per lb.

**474. PREMIUM GEM**—(63 days.) A highly productive, medium early variety good for home gardening and for canning. Vines: 20 inches high, dark green. Pods: 2 1/2 inches long, single and double, light green, round, straight, blunt; contains 6 to 7 peas. Seeds: wrinkled, green, medium size. Pkt. 8c, 1/2 lb. 22c, lb. 40c, 2 lbs. 75c, prepaid.—Not prepaid, 5 lbs. \$1.10, 15 lbs. at 19c per lb.

Suffern, N. Y., June 24, 1934.

F. S. & N. Co.  
After trying to grow Peas without any success, for quite a number of years, I thought I would try once more, so last spring I bought a pound of Giant Laxtonian from you and I have just finished picking the crop grown from those Peas. I was very well pleased—so much so that I weighed them, and I found that I had grown 27 pounds of fine peas from the pound of seed so I will praise them up to everybody that plants peas especially.

Wm. Smith, 20 Riverside Drive.



Thomas Laxton.

## PEAS—(Continued) See also page 17.

**459. GRADUS OR PROSPERITY**—(65 days.) This is a popular medium-early, large podded variety for home gardens and market gardeners. Vines: 36 inches high, medium green, stocky. Pods: 4 inches long, single, broad, plump, pointed, medium green, contain 8 to 10 large, sweet, delicious peas. Seed: very large wrinkled, cream and green. Pkt. 8c,  $\frac{1}{2}$  lb. 22c, lb. 40c, 2 lbs. 75c, prepaid.—Not prepaid, 5 lbs. \$1.10, 15 lbs. at 20c per lb.

**480. POTLATCH OR BIG DINNER**—(Improved Stratagem.) (78 days.) One of the very finest late varieties for home garden and for shipping to distant markets. Potlatch is famous for its heavy yield of immense pods bearing many large luscious peas of delicious flavor. Vines: 26 inches high, deep green, stocky and branching. Pods: 4  $\frac{1}{2}$  inches long,  $\frac{3}{8}$  inches wide; nearly round, straight, pointed, dark green, contain 8 to 10 tender, succulent peas. Seeds: large, wrinkled, green. Pkt. 8c,  $\frac{1}{2}$  lb. 22c, lb. 40c, 2 lbs. 75c, prepaid.—Not prepaid, 5 lbs. \$1.10, 15 lbs. at 19c per lb.

**475. NEW TENDER GIANT**—(73 days.) Here is a pea that is becoming nationally famous. A medium late variety of recent introduction—excellent quality and good productivity. A dependable cropper, large podded, maturing after the early dwarf varieties and before the other large podded main crop sorts. It therefore fills a definite gap for either market or home garden. Its sweetness and quality cannot be improved upon. New Tender Giant has found nation-wide favor as a canning pea. Vines: 27 inches high, medium light green, with heavy stem and foliage. Pods: 4 inches long,  $\frac{3}{4}$  inch wide, single and double, medium green, blunt, straight, attractive; contain 6 to 8 large tender peas. Seeds: large, green, wrinkled. (See illustration front inside cover.) Pkt. 10c,  $\frac{1}{2}$  lb. 25c, lb. 45c, 2 lbs. 80c, prepaid.—Not prepaid, 5 lbs. \$1.25, 15 lbs. at 22c per lb.

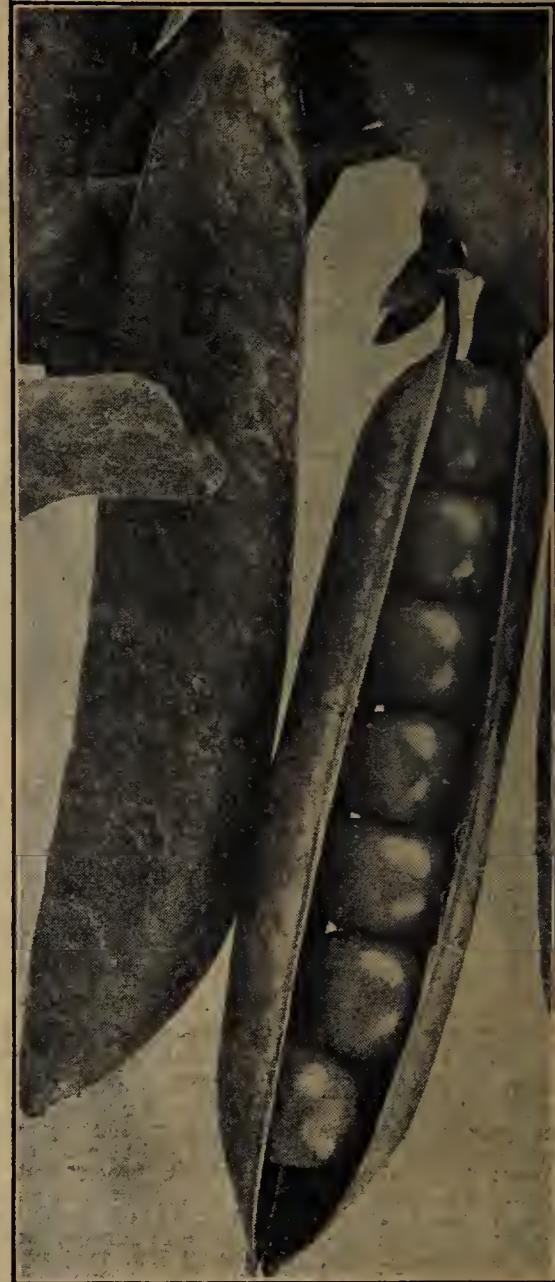
**486. DWARF TELEPHONE OR DAISY**—(75 days.) A late, large-podded, highly-productive sort for home garden and truckers. A good shipper and resistant to Fusarium wilt. Our strain is unsurpassed in size and appearance of pods. Vines: 22 inches high, light green, stocky and branching. Pods: 4  $\frac{1}{2}$  inches long, single and double, medium light green, slightly curved, broad, pointed and attractive; contains 8 to 10 peas of excellent quality. Seeds: large, wrinkled, green with bluish cast. Pkt. 8c,  $\frac{1}{2}$  lb. 22c, lb. 40c, 2 lbs. 75c, prepaid.—Not prepaid, 5 lbs. \$1.10, 15 lbs. at 19c per lb.

**492. DWARF SUGAR**—(68 days.) (Eat pod and all!) A prolific home garden variety with an edible pod and also resistant to Fusarium wilt. Delicious if cooked when young the same as string beans—without shelling. Very sweet and tender. Vines 28 inches high, slender and wiry, with purple blossoms. Pods: 3 inches long, double, light green, heavily curved, semi-pointed, strongly indented between the peas. Seed: small, mottled, grey, round, smooth. Pkt. 8c,  $\frac{1}{2}$  lb. 25c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.00, 15 lbs. at 18c per lb.

**484. EVERBEARING**—(74 days.) An extra long bearing period makes this a popular variety. Everbearing is resistant to Fusarium wilt, and is noted for its quality. Vines: 32 inches high, dark green, thick and branching. Pods: 4 inches long, double light green, plump, blunt, straight; contain 4 to 5 large peas of sweet marrowy flavor. Seeds: very large, light green, flat, wrinkled. Pkt. 10c,  $\frac{1}{2}$  lb. 25c, lb. 45c, 2 lbs. 80c, prepaid.—Not prepaid, 5 lbs. \$1.20, 15 lbs. at 21c per lb.

INOCULATE ALL  
LEGUME SEED WITH  
McQueens  
Inoculator

All the best growers  
inoculate their seed.  
Pkt. for 5 lbs. seed 15c,  
2 for 25c. See page 61.



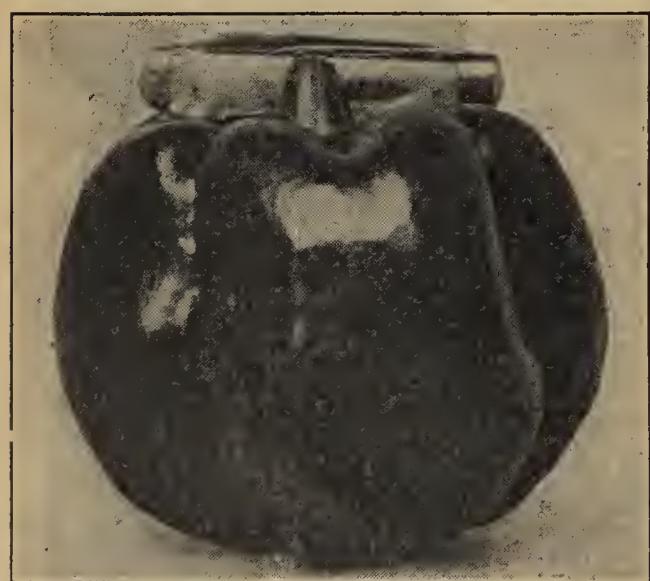
Potlatch, for main crops.

## TALL PEAS FOR MAIN CROP

**501. QUITE CONTENT**—(74 days.) The favorite tall variety of most of our customers. We receive more enthusiastic reports on Quite Content peas than on all other tall varieties. It has immense pods, filled with extra large, quality peas. Vines: 45 inches high, dark green, stocky. Pods: 4  $\frac{3}{4}$  inches long, single, broad, dark green, straight pointed; contain 8 to 9 large tender peas. Seeds: wrinkled, large, green. Pkt. 10c,  $\frac{1}{2}$  lb. 25c, lb. 45c, 2 lbs. 80c, prepaid.—Not prepaid, 5 lbs. \$1.25, 15 lbs. at 22c per lb.

**505. TALL TELEPHONE**—(73 days.) A standard mid-season variety. Valuable to home or market gardeners. Fine for shipping. Produces an abundant yield of immense pods filled with large tender peas of excellent flavor and quality. Vines: 45 inches high, dark green. Pods: 4  $\frac{1}{2}$  to 5  $\frac{1}{2}$  inches long, dark green, single, broad, plump, pointed, straight. Seeds: large, wrinkled, light green. Pkt. 8c,  $\frac{1}{2}$  lb. 22c, lb. 40c, 2 lbs. 75c, prepaid.—Not prepaid, 5 lbs. \$1.10, 15 lbs. at 19c per lb.

**506. CHAMPION OF ENGLAND**—(79 days.) A well known standard late variety for home garden. A great climber and heavy yielder. Vines: 54 to 60 inches high, medium green. Pods: 3 inches long, single and double, light green, blunt, straight, plump; contain 7 to 8 peas of good quality. Seeds: large, wrinkled, light green. Pkt. 8c,  $\frac{1}{2}$  lb. 20c, lb. 35c, 2 lbs. 65c, prepaid.—Not prepaid, 5 lbs. \$1.00, 15 lbs. at 17c per lb.



California Wonder.

**436. CALIFORNIA WONDER**—(73 days.) An outstanding medium late variety for market gardening and shipping. Plants: vigorous, upright prolific. Fruits: 4  $\frac{1}{2}$  inches long, 4 inches thick; 4-lobed, chunky, very attractive, smooth, uniform and deep green—changing to bright crimson; flesh thicker than any other variety, sweet and mild. Pkt. 10c, oz. 45c,  $\frac{1}{4}$  lb. \$1.60, lb. \$6.00, prepaid.

**FIELD PEAS**

**494. CANADA YELLOW**—(85 days.) A commercial sort for field culture. The dry peas are excellent for cooking, soups, etc. Hardy, heavy yielding, wilt resistant. Vines: 50 inches high, medium green. Pods: 2  $\frac{1}{4}$  inches long, single, blunt, light green; contain 6 peas. Seeds: small, smooth, creamy white. Pkt. 5c,  $\frac{1}{2}$  lb. 15c, lb. 25c, prepaid.—Not prepaid, 5 lbs. 75c.

For prices on larger quantities see Blue Figure Farm Price List.

## PEPPER

One ounce of seed for 1,000 to 1,500 plants.  $\frac{1}{4}$  lb. to transplant one acre.

Sow seed in flats, or in the hotbed in March, and transplant seedlings, when 3 or 4 inches high to other flats or to paper pots. About the last of May, transplant to the garden, in rich, well-prepared soil, setting the plants in rows 3 feet apart, 20 inches apart in rows.

**NOTE**—The time from setting out plants to marketable condition is indicated here.

**434. HARRIS EARLY GIANT**—(63 days.) An excellent first early sweet variety, for home and market garden use. Fruits resemble Bull Nose in form. Plants: dwarf, upright, very productive. Fruits: 4  $\frac{1}{2}$  inches long, 3  $\frac{1}{2}$  inches thick; gently tapered, 3-lobed, of sweet mild flavor; deep green changing to bright red. Pkt. 10c, oz. 40c,  $\frac{1}{4}$  lb. \$1.35, lb. \$5.00, prepaid.

**442. RUBY KING**—(68 days.) Excellent for home and market gardening; also for shipping. Plants: medium dwarf, erect, vigorous, and very productive. Fruits: 5 inches long, 3 inches thick; tapering, dark green changing to ruby red at maturity. Flesh: thick, mild and sweet. Pkt. 8c, oz. 30c,  $\frac{1}{4}$  lb. \$1.10, lb. \$4.00, prepaid.

**437. BULL NOSE OR IMPROVED LARGE BELL**—(58 days.) A popular early sweet variety. The first on the early market. Plants: small, erect, prolific. Fruits: 3 inches long, 2  $\frac{3}{4}$  inches thick; blunt, deep green—changing to scarlet red; sweet, mild in flavor. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 85c, lb. \$3.00, prepaid.

**441. PIMENTO OR PERFECTION**—(73 days.) Pre-eminently a canning variety; also excellent for home or market garden planting. Plants: large, erect, prolific. Fruits: 3  $\frac{1}{2}$  inches long, 2  $\frac{1}{2}$  inches thick; heart shaped, very smooth; color dark green, changing to bright crimson; flesh thick, sweet and mild. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 85c, lb. \$3.00, prepaid.

For years our Special Strains of Vegetable Seeds have helped market growers to better profits. Be sure to send for Special Price List if growing for market.



## PARSLEY



One ounce will sow 150 feet of drill.

**CULTURE**—Parsley is indispensable for flavoring and for garnishing. The seed germinates slowly, in 2 or 3 weeks and therefore should be soaked in warm water for a few hours before planting. Sow early in spring,  $\frac{1}{2}$  inch deep, in rich, mellow soil, and when plants are of good size, thin to stand 8 inches apart in the rows. In the fall, a few plants may be set into pots, and taken indoors.

**430. CHAMPION MOSS CURLLED**—A compact growing, finely cut and densely curled variety of a deep green color. Owing to its fine color and handsome foliage, it is one of the most popular sorts. Special gardeners' strain. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00, prepaid.

**431. TURNIP-ROOTED OR HAMBURG**—The root is the edible portion of this variety and resembles a small parsnip, both in color and shape. Flesh white, a little dry, having a flavor similar to celeriac. Very hardy and should be cultivated like parsnip. Foliage same as Plain Parsley. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00, prepaid.

Moss Curled Parsley.

little dry, having a flavor similar to celeriac. Very hardy and should be cultivated like parsnip. Foliage same as Plain Parsley. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00, prepaid.

## PARSNIP

1 oz. for 200 feet of drill.  
5-6 lbs. for an acre.

The parsnip is one of our most valuable root vegetables, because of its rich sweet flavor and high food value. Frost improves the flavor, and parsnips can be left in the ground all winter, to be harvested in spring when fresh vegetables are scarce.

Parsnips do best in rich deep soil, but fresh manure should not be used. Seed germinates slowly, and may be sown early in drills. Thin the plants to stand 4 or 5 inches apart.

### 426. LONG SMOOTH OR HOLLOW CROWN

A great cropper; tender, sugary and considered the best for general cultivation. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 90c, prepaid.

**427. GUERNSEY**—The roots do not grow as long as those of the Hollow Crown, but are thicker and more easily gathered. They are very smooth and have fine grained flesh of excellent quality. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 85c, prepaid.



Parsnip, Long Smooth.

## TOBACCO

One ounce of seed will produce enough plants for one acre.

**519. CONNECTICUT SEED LEAF**—Grown principally for the manufacture of cigars. Hardy, prolific, and well suited to production in the North and Central States. Pkt. 8c,  $\frac{1}{2}$  oz. 25c, oz. 40c, prepaid.

**520. WHITE BURLEY**—A prolific sort with long, broad, attractive leaves; used for fillers and wrappers. Pkt. 8c,  $\frac{1}{2}$  oz. 25c, oz. 40c, prepaid.

## CHICORY

**286. WITLOF-CHICORY or FRENCH ENDIVE**—Sow the seed in spring and allow the plants to grow until November, then take up roots and trim off all leaves to about 1  $\frac{1}{2}$  inches from the neck; cut off lower end of root so the whole plant will be not more than 8 inches long and store in root cellar. When wanted for use, plant in a trench 16 inches deep, in cool cellar, so roots are covered by 8 inches of soil. In about two months the head will be ready for use. The blanched head is the edible portion and is eaten as a salad, with French dressing. Pkt. 8c, oz. 15c,  $\frac{1}{4}$  lb. 40c, prepaid.

## PEANUTS

**CULTURE**—Peanuts are a leguminous crop, the same as beans and peas, and valuable as fertilizing and forage crops. They require about the same care, and the planting season is the same as for corn. The shells must be removed before planting. Pods are borne beneath the ground. Peanuts are an interesting crop to grow, especially for children's gardens.

**514. EARLY SPANISH**—The earliest variety, and best for the North. Plants are upright and compact, with small pods and nuts of fine flavor. Large pkt. 8c, lb. 35c, prepaid.—Not prepaid, 5 lbs. \$1.10.



Large Virginia Peanuts.

**515. LARGE VIRGINIA**—The main crop peanut, and the most extensively grown. Plants are erect, and of vigorous, rapid growth, with very large pods and nuts. An excellent variety for dry, sandy soil. Large pkt. 8c, lb. 35c, prepaid.—Not prepaid, 5 lbs. for \$1.10.

## RHUBARB OR PIE PLANT

Rhubarb furnishes the first fruit of the garden in early spring. It is a wonderful spring tonic and very healthful. Easy to grow and greatly prized for sauce and pies.

**CULTURE**—Succeeds best in deep rich soil. Sow in spring in drills, cover one inch. Thin plants to six inches apart. Transplant in autumn or spring to permanent beds.

**581. RED WINE**—Larger than the average, a good seller in all markets; of excellent quality. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.00, prepaid.

**RHUBARB ROOTS**—Extra strong two year old, each 15c, 3 for 30c, 12 for \$1.00, prepaid.

## MINNESOTA GROWN PUMPKIN

**565. SUGAR PIE**—(75 days.) A standard variety for general use, and particularly desirable for pies. Very fine grained, sweet and a splendid winter keeper. Fruits: 10 inches thick, weight 6 to 8 lbs.; skin hard, smooth, somewhat ribbed, deep orange. Flesh: thick, sweet, orange-yellow, and of high quality. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60c, prepaid.—Not prepaid, 5 lbs. \$2.25.

**572. CONNECTICUT FIELD**—(Matures in 110 days.) Extensively grown for making pies, for canning and for stock feed; usually planted in cornfields. Also known as the large cheese pumpkin. Very productive and of good quality. Fruits: 12 to 15 inches thick, weight 15 to 25 lbs., large, flattened at the ends. Surface hard, smooth, somewhat ribbed, deep orange in color; flesh thick, orange yellow, coarse and sweet. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 50c, prepaid.—Not prepaid, 5 lbs. \$2.00, 10 lbs. \$3.75.

**573. KENTUCKY FIELD**—(Matures in 110 days.) Widely used for canning and for stock feeding. Hardy and productive. Fruits: 12 to 14 inches thick, weight 10 to 15 lbs., large, slightly ribbed, not fixed in shape, some being flat, others globular and elongated; color, dull orange. Flesh: deep yellow, coarse and of good flavor. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 50c, prepaid.—Not prepaid, 5 lbs. \$2.00.

**574. MAMMOTH KING OR JUMBO**—(Matures in 120 days.) The largest of all pumpkins. Valuable for stock feeding and exhibition purposes. Fruits: 20 to 24 inches in diameter, weight 60 to 90 lbs., very large, globular, slightly ribbed, flattened; skin light yellow, mottled with yellow and frequently slightly netted. Flesh: solid, coarse, but of fair quality. Pkt. 8c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50, prepaid.

**576. PRIZE COLLECTION MIXTURE**—A mixture of the best varieties described above, all shapes and sizes, large and small. This collection is sure to please and give surprising results. Just the thing for growing varieties to exhibit at county or state fairs. There is bound to be a prize winner in the collection. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 50c, prepaid.—Not prepaid, 5 lbs., \$1.80.



Sugar Pie Pumpkin.

## MINNESOTA GROWN SEED POTATOES

## "WHITE GOLD" THE EARLIEST POTATO GROWN

(See Front Cover.)

Ten days to two weeks earlier to market frequently means the difference between a decent profit and a possible loss. White Gold Potato growers in hundreds of letters tell of their wonderful success and fine profits. The chief reason was because White Gold Potatoes were ready two weeks earlier than Cobblers, Triumphs or Early Ohios.

Although heat and drought took its toll in many sections, large yields of fine smooth Potatoes that always found a ready market were reported in most cases.

White Gold Potatoes were developed from a Potato seedling, by George Kremer of Itasca County, Minnesota. For six years the seedlings were carefully selected and increased before the new Potato was introduced. It has the size and shape of the Green Mountain, though the eyes are shallow and it is of slightly netted appearance. The yields compare favorably with the late varieties such as Carmans and Rural New Yorkers. The outstanding features, however, are its earliness, good size and big yields. White Golds will keep in storage better than many late varieties.

## Buy the Originator's Strain to Save Disappointment

Our seed supply was grown from the originator's own seed stock, which we secured for exclusive distribution and the seed supply is again limited. Send only half your remittance when placing your order, if more convenient. Balance may be paid when shipment is made. Ten lbs. 75c, postpaid to 3rd zone. See Blue Figure Price List for quotations on larger quantities. (A few White Golds, 2nd Grade, are available. See B. F. List.)



White Golds have brought many smiles and profits.

## EXTRA EARLY BLISS TRIUMPH

Bliss Triumph is at least a week or ten days earlier than the Early Ohio. The tubers are of handsome appearance, being almost round, with slightly depressed eyes, mostly at the seed end. They run very uniform as to size and shape. The skin is light to solid red. Flesh is pure white, both when raw and cooked. Its superior table qualities make this potato a favorite for the early market. See Blue Figure Price List.

## EARLY IRISH COBBLER (certified)

Another extra fine early potato, and one that is not easily affected by blight and insects. The tubers are nearly round, with prominent ridges at ends, causing uneven surface, and slightly flattened, rather blocky shape. The skin is white, well netted, with eyes of medium depth and number. It is a fine flavored potato and a heavy yielder. See Blue Figure Price List.

## THE NEW WARBA (certified)



The New Warba.

Price: 10 lbs. \$1.00, prepaid to 3rd zone. See Blue Figure Price List for quotations on larger quantities.

## EARLY OHIO (certified)

This old favorite is a heavy yielder, producing 150 to 250 bus. per acre, tubers being of even size, medium to large, oval in shape, very smooth, with shallow eyes. Early Ohios always bring a high market price, and though very early, they keep well. The flesh is white, firm, fine grained, and of excellent flavor. The cooking and baking qualities are unsurpassed. See Blue Figure Price List.

## GREEN MOUNTAIN

One of the best main crop Potatoes—a late white variety producing remarkable yields and especially adapted for the Northwest.

Owing to their large size, there are very few unmarketable Potatoes to be found in a field. It is remarkably free from attack by potato bugs. Green Mountain is a vigorous grower, a good keeper and outstanding as a baking Potato and sells readily in all markets.

No freight shipments until April 15th. Earlier shipments are sent express.

## Read These Letters

Nephi, Utah.

F. S. &amp; N. CO.

I have had wonderful luck with your seeds this past season. The White Gold Potatoes yielded 450 bushels per acre with no rain all summer. The Silo Corn is all the rage here. I like good seed and to deal with a reliable company like yours.

Sidney Scott.

Bellevue, Neb.

F. S &amp; N. CO.

I have been looking for potatoes like I wanted, for 31 years, but could not find them until now. About 31 or 32 years ago I raised potatoes which tasted like White Gold, but I lost the seed. I never tasted potatoes like those again until we got your White Gold Potatoes. I hope to raise some prize winners. Henry A. Cassler.

## KREMER NEW RUSSET SEEDLING

We offer for the first time a new Russet Seedling—late potato, greatly resembling the famous Idaho Russet so popular as a baking and cooking potato. The tubers are elongated—good size—almost perfectly smooth, with shallow eyes. Slightly russet skin which indicates excellent winter keeping qualities. Its uniform size and big yields and fine appearance make it one of the best market potatoes. For baking and cooking qualities, it cannot be excelled.

Price: 10 lbs. 75c, prepaid to 3rd zone. See Blue Figure Price List for quantity quotations.

## RUSSET RURALS

Similar in shape to Rural New Yorker, with perfectly smooth russet skin. Always cooks up mealy—an excellent keeper—has shallow eyes and is fine for home use or market. See Blue Figure Price List for quotations.

## RURAL NEW YORKER

This is the best known and the standard late market potato. The tubers are of large size, nearly round to oval, considerably flattened, with stem and seed ends roundish. The skin is smooth and white, with broad shallow eyes at the seed end. The foliage is deep green, vigorous and heavy, therefore unusually scab and insect resistant. See Blue Figure Price List.

## THE NEW U. S. DEPT. OF AGRICULTURE LONG KEEPING POTATO KATAHDIN CERTIFIED SEED

Originated by the U. S. Department of Agriculture and promising to become the outstanding Late Potato for market or storage. It was originated in Maine, by double crossing unnamed seedlings of Rural New Yorker No. 2 and Aroostook Wonder parentage. It was bred for disease resistance, quality and yield. During the eight years it was under observation, it has been entirely free from mild Mosaic. In yields it has constantly surpassed Rural New Yorker or Green Mountain. The tubers are short, elliptical to roundish, and have very shallow eyes.

Emphasis is laid on the high yield and small percentage of culls. It is well adapted for growing on muck and peat soils, though not so well to poor soils or where summer drought is likely to occur. The vines are vigorous and light green in color. They mature late, though the tubers set fairly early, which is an advantage in a late season.

The secretary of the Iowa Vegetable Growers Assn. remarked that this new Potato may replace the Rurals as it is smoother and peels with less tare. In shape, it is nearly a ball.

Uncle Sam spent about \$250,000.00 in developing it and Extension Horticulturalist Fitch, of the Iowa station, enthusiastically suggests it should pay the nation 1,000 times that in larger yields to farmers, less expense to dealers and handlers.

Growers everywhere are anxious to try the new Katahdin, though the seed supply is extremely limited. To enable as many as possible of our customers to try this new Potato, we offer it in small quantities at a reasonable price. Larger orders are booked subject to stocks being unsold.

Price: 10 lbs. 75c, prepaid to 3rd zone. See Blue Figure Price List for quotations on larger quantities.

Use Semesan-Bel for Treating Potatoes. See Page 72.

## RADISHES

**CULTURE OF RADISHES**—For first crop sow as early in the spring as the ground can be worked, and every two weeks throughout the season, for succession. A warm, sandy loam is the best. Sow in drills 10 to 12 inches apart.

Radishes contain valuable vitamins. Sow round or globe varieties for the first crop. Long types do not grow so fast, and endure more heat.

Wormy radishes cannot be controlled by spraying. Do not sow radishes in the same spot year after year.

**535. IMPROVED EARLY SCARLET GLOBE**—(24 days.) Here is the leading variety for market gardeners. Very popular because its excellent quality is combined with very early maturity. Roots: globular, very slightly elongated, with small top; bright scarlet, crisp, tender and of fine quality. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c, 2 lbs. \$1.40, prepaid.

**538. FRENCH BREAKFAST**—(25 days.) An early market and home garden sort, with small top. Develops best under glass. It sells readily on the market because of its fine quality and handsome appearance. Roots:  $\frac{1}{2}$  to  $\frac{3}{4}$  inches thick,  $1\frac{1}{2}$  inches long; oblong, thicker toward the bottom, dull scarlet with white tip. Flesh: white and crisp. Should be pulled at first maturity. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c, 2 lbs. \$1.40, prepaid.

**540. CRIMSON GIANT**—(28 days.) A deservedly favorite variety for home gardeners and truckers. Very handsome in appearance and quality is unsurpassed, in spite of its immense size. Roots: 1 to  $1\frac{1}{2}$  inches in diameter, very large, globular, deep, crimson in color. The white flesh holds its firmness well and is of superior quality. Pkt. 8c, oz. 12c,  $\frac{1}{4}$  lb. 25c, lb. 85c, 2 lbs. \$1.60, prepaid.

**542. MIXED RADISHES**—This mixture contains early, summer and winter varieties; all kinds, colors and shapes, a large assortment, ready for the table, early, medium and late. You always have some that are just right, sweet, tender and juicy. This mixture is for a small garden, where space is limited and one sowing does for the whole season. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60c, 2 lbs. \$1.10, prepaid.

Our Strains of Crimson Giant, Early Scarlet Turnip and Firecracker are Money-makers for Gardeners.



Red Sparkler, White Tip.

Early Saxa.  
Market gardeners ask for Wholesale List.

Crookston, Minn., July 2, 1934.  
F. S. & N. Co.

We sure had good luck with our Saxa radishes. In a strip 100 feet long and 12 feet wide and a pound of seed I made \$70.00.

I seeded them in rows 2 inches apart and I dropped a seed every inch in rows and the seed was Number 1.

You should see our cauliflower. They will soon head and all the rest of your seeds were Number 1.

Felix M. Lefavre, 117 Euclid Ave.

## WINTER RADISHES

Winter radishes should not be sown until late in June. They can be used as soon as they are large enough. They grow considerably larger than spring radishes, but are of mild, tender quality.

For winter use, the radishes should be dug and stored in sand, the same as other root vegetables.

Take them up before severe freezing and store in sand in the cellar or in a pit, where they will keep tender and crisp all winter.

**555. CALIFORNIA WHITE MAMMOTH**—(60 days.) Roots: 8 inches long, 2 inches thick; cylindrical and thickest at lower end. Flesh: white, crisp and not pungent. Pkt. 8c, oz. 12c,  $\frac{1}{4}$  lb. 25c, lb. 85c, prepaid.

**558. ROSE CHINA**—(52 days.) Roots: 6 inches long, 2 inches thick, cylindrical, but thicker at lower end; blunt, smooth, bright rose-red in color. Flesh: white, very firm and pungent. Pkt. 8c, oz. 12c,  $\frac{1}{4}$  lb. 25c, lb. 85c, prepaid.

**559. LONG BLACK SPANISH**—(58 days.) Roots: 9 inches long,  $2\frac{1}{2}$  inches thick; cylindrical, slightly tapered at tip; skin black and somewhat wrinkled. Flesh: white, solid and pungent. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 85c, prepaid.

**560. ROUND BLACK SPANISH**—(56 days.) Roots: top-shaped—3 to 4 inches thick, otherwise similar to Long Black Spanish. An excellent keeper. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 85c, prepaid.



White Icicle.



French Breakfast.

## SQUASH

One ounce of seed to 50 hills, according to the size of the seed, 3-4 lbs. in hills per acre.

**CULTURE**—Plant seed in extra fertile soil when danger of frost is past. The vining varieties should be planted in hills 8 or 10 feet apart each way, and the bush varieties from 4 to 5 feet. For running varieties, use 3½ to 4 pounds of seed per acre; bush varieties require 6 pounds of seed per acre. For Insecticides see page 73.

### SUMMER VARIETIES

**595. GIANT YELLOW SUMMER CROOKNECK**—(55 days.) Highly desirable for truckers, shippers and home gardeners. Fruit: 9½ inches long, 4 inch diameter; weight 3 lbs., curved at neck, light yellow at early eating stage, and covered with warts. Pkt. 5c, oz. 10c, ¼ lb. 35c, lb. \$1.25, prepaid.

**596. EARLY WHITE BUSH SCALLOPED**—(53 days.) A popular early sort for home and market garden. Fruits: 8 inch diameter, 3 inches thick; weight 2½ lbs., flattened, smooth, with scalloped edges and white in color. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00, prepaid.

### WINTER SQUASH

**603. DELICIOUS**—(102 days.) A very popular winter sort. No other squash compares with it in richness of flavor. An excellent keeper. Fruit: 11 inches long, 8 inch diameter; weight 7 to 8 lbs.; top shaped. Skin dark green with light green stripes toward the blossom end. Flesh: orange, dry, and of good flavor. Pkt. 5c, oz. 12c, ¼ lb. 40c, lb. \$1.50, prepaid.

**598. CHICAGO WARTED HUBBARD**—(110 days.) A very prolific good keeping sort, somewhat larger than the original Hubbard, and more thickly covered with warts. Excellent flavor and quality. Fruits: 14 inches long, 10 inch diameter; weight 14 lbs., pointed at each end, very dark green. Flesh: deep orange-yellow, dry and sweet. Pkt. 5c, oz. 12c, ¼ lb. 40c, lb. \$1.35, prepaid.

**602. MAMMOTH WHALE**—(100 days.) The giant among squashes, grown for exhibition purposes and stock feeding. A prolific sort. Fruit: 25 inches long, 18 inch diameter; weight 80 to 150 lbs., oblong, pointed; skin mottled orange and yellow. Flesh: thick and coarse. Pkt. 8c, oz. 15c, ¼ lb. 50c, lb. \$1.75, prepaid.

**605. TABLE QUEEN OR DES MOINES**—(58 days.) An early maturing variety, trailing in habit and of exceptional flavor and quality. Very desirable for home or market garden use and for shipping. Fruit: 6 inches long, 4½ inch diameter; weight 1½ lbs., acorn shaped, ribbed, smooth, thin shelled, dark green. Flesh: light yellow, bakes well, with inviting flavor. Pkt. 8c, oz. 15c, ¼ lb. 45c, lb. \$1.50, prepaid.

**601. NEW BUTTERCUP**—A North Dakota origination, developed by Prof. Yeager. Fruits weigh 3 to 5 lbs. and have a tough thin green skin. Flesh: deep rich orange untinged with green. There is no fibrous section and this squash is an excellent keeper, with little waste or shrinkage. It is acorn shaped. The flavor is similar to sweet potato, with smooth texture; cooks dry and is coming into great popular favor. Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00, prepaid.



New Buttercup.



White Bush-Hubbard-Kitchenette.

**599. IMPROVED GREEN HUBBARD**—(105 days.) A standard winter sort for home or market. Fruit: 12 inches long, 9 inch diameter; weight 12 lbs., pointed at both ends, slightly warty, dark bronze green in color; rind hard and tough. Flesh: very thick, orange yellow, dry and sweet. Pkt. 5c, oz. 12c, ¼ lb. 40c, lb. \$1.50, prepaid.

**600. GOLDEN HUBBARD**—(100 days.) Similar to Green Hubbard, but earlier, smaller and more prolific. Fruit: 11 inches long, 9 inch diameter; weight 10 lbs., somewhat pointed at each end, moderately warty, orange-red, with faint cream colored stripes toward blossom end. Flesh: deep orange, dry and of fine quality; it keeps well. Pkt. 5c, oz. 10c, ¼ lb. 35c, lb. \$1.25, prepaid.

**607. KITCHENETTE**—(100 days.) A new Dwarf Hubbard, from the Minnesota Experiment Station that combines the better qualities of several varieties. Has the size of the Table Queen, the delightful flavor of Hubbard. Weight: 5 to 7 lbs. Quality is splendid—cooks up mealy and dry, with a delicious nutty flavor. Just the right size for average family use. Pkt. 8c, oz. 15c, ¼ lb. 50c, lb. \$1.75, prepaid.

## SALSIFY OR VEGETABLE OYSTER

An ounce of seed will sow 120 feet of drill.

A wholesome and delicious vegetable, with mild oyster-like flavor when boiled. The roots may be cooked with a cream sauce, or sliced and fried and make delicious soup. Sow in deep drills, in light rich soil, very early. The roots are perfectly hardy, and may remain in the ground all winter.

**592. MAMMOTH SANDWICH ISLAND**—An improved variety with roots 6 to 8 inches long, 1 to 1½ inches thick, tapering, smooth, dull white. Plants 3½ feet tall. Pkt. 8c, oz. 20c, ¼ lb. 60c, lb. \$2.10, prepaid.

## SPINACH

One ounce for 100 foot row; 12 to 15 lbs. per acre or 30 lbs. broadcast.

**CULTURE**—Succeeds best on rich, well drained soil. Sow early in spring, one inch deep, in rows 12 to 15 inches apart. For succession sow every two weeks until June. For early spring use sow in August and cover over winter.

**582. NEW VIKING**—Winner of All America Award of Merit for 1935. Developed in Holland. A highly-prized variety for home garden or market. A very vigorous grower. Plant is large, producing huge, semi-crinkled, dark green leaves. Exceptionally long standing and of splendid table quality. Pkt. 8c, ¼ lb. 25c, lb. 85c, 2 lbs. \$1.50, prepaid.

**583. MATADOR OR GIANT NOBLE**—(45 days.) Very valuable for market or home garden. Plants are large, vigorous and spreading; leaves huge, thick, smooth and tender; color deep green. It is slow to form seed stalks and an extremely heavy yielder. The best of the Giant Thick Leaved sorts for spring and summer. Pkt. 5c, ¼ lb. 15c, lb. 50c, 2 lbs. 90c, prepaid.

**585. PRINCESS JULIANA**—(48 days.) A splendid, second early, long standing sort, for home gardens and for shipping. Plants compact and dense. Leaves rounded, with short stems; thick, crumpled, very dark green—slow to go to seed. Pkt. 5c, ¼ lb. 15c, lb. 45c, 2 lbs. 85c, prepaid.

**586. BLOOMSDALE SAVOY LEAVED**—(39 days.) A very early, vigorous variety, desirable for home gardens, for shipping to distant markets and for canning. Plants erect in growth, hardy and attractive. Leaves large, crumpled, somewhat blistered; dark glossy green. Seeds fairly early. Pkt. 5c, ¼ lb. 15c, lb. 45c, 2 lbs. 85c, prepaid.

**589. NEW ZEALAND**—(70 days.) Native of New Zealand—quite distinct from other varieties of Spinach, it thrives in hot dry weather. The large spreading plants have small, thick pointed deep green leaves, which can be picked repeatedly throughout the season. Soak seed in hot water for several hours before planting. Pkt. 8c, oz. 15c, ¼ lb. 30c, lb. 90c, prepaid.



Spinach, King of Denmark.

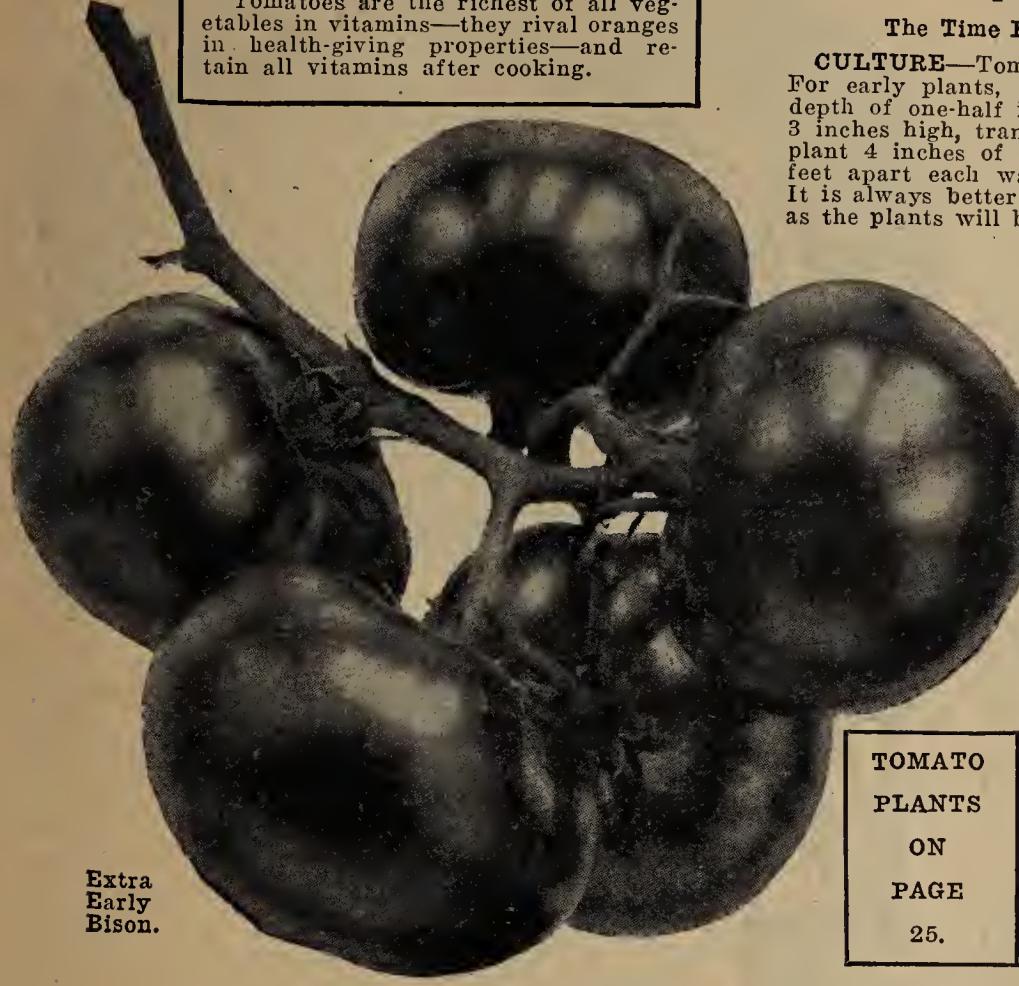
**584. KING OF DENMARK SPINACH**—(45 days.) Highly desirable for canning and for market gardens. Large, spreading plants carry broad, rounded, very dark green leaves which are somewhat crumpled. Excellent for spring planting as it is slow to go to seed. Very hardy and of good quality. Pkt. 5c, ¼ lb. 15c, lb. 45c, 2 lbs. 85c, prepaid.

**SPINACH BEET OR SWISS CHARD.** See page 4.



**Tomatoes Top List as Health Vegetable**

Tomatoes are the richest of all vegetables in vitamins—they rival oranges in health-giving properties—and retain all vitamins after cooking.



Extra Early Bison.

**TOMATOES** See also page 24

1 oz. for 1,500 plants— $\frac{1}{4}$  lb. to transplant one acre.

The Time From Setting Out Plants to Marketable Stage Is Listed Here.

**CULTURE**—Tomatoes want well fertilized, light sandy soil, in a sunny open position. For early plants, sow the seed in flats or hotbeds, in March. Cover with soil to a depth of one-half inch. The seed germinates in 6 to 12 days. When the plants are 3 inches high, transplant them to other flats, or preferably to paper pots, giving each plant 4 inches of room. About the end of May, set the plants out in the garden, 3 feet apart each way. Water well and cultivate often, as long as the vines permit. It is always better to stake the vines and tie them up, pinching off some of the stems as the plants will bear more abundantly.

**618. NEW SCARLET DAWN**—The All America Gold Medal Winner for 1935. To achieve this distinction, it must have unusual merit and Scarlet Dawn is a cross between Clark's Early and Marglobe. It is earlier in season than either parent. Vines are of medium growth, fairly open and very prolific. Fruits: very large with thick wall structure—globular, smooth, free from flat sides and puffiness. Color: bright scarlet, ripening well to the stem. Exceptionally attractive and highly desirable for home gardens, shipping or canning. (See front cover.) Pkt. 15c,  $\frac{1}{2}$  oz. 50c, oz. 90c,  $\frac{1}{4}$  lb. \$3.00, lb. \$10.00, prepaid.

**617. PRITCHARD OR SCARLET TOPPER**—(73 days.) We consider this the most valuable new introduction of the present time. A scarlet, self-topping, disease-resistant variety originated by the late Dr. F. J. Pritchard, of the U. S. Department of Agriculture, in 1931. It is a cross between Marglobe and Cooper's Special, and has inherited fine qualities from each parent. It is highly productive, of excellent quality, and very valuable for market garden use and for long distance shipping. Fruit: large, smooth, globular, solid, with thick walls and cross-sections; color light scarlet. Pkt. 10c,  $\frac{1}{2}$  oz. 25c, 1 oz. 40c,  $\frac{1}{4}$  lb. \$1.35, lb. \$5.00, prepaid.

**612. SPARKS EARLIANA**—(65 days.) Ours is one of several excellent strains of this important variety bred for thicker smoother fruits. Fruit: flattened, medium sized, firm, bright red, quite smooth. Vines: open spreading, medium small. A first early sort, widely used for home gardens and truckers. Pkt. 5c,  $\frac{1}{2}$  oz. 15c, oz. 25c,  $\frac{1}{4}$  lb. 85c, lb. \$3.00, prepaid.

**610. FARIBAULT DWARF CHAMPION**—(76 days.) Because of its compact and upright habit of growth, enabling close planting, this is a great favorite with owners of small gardens. The tomatoes are of good size, globular, flattened, deep purplish pink, firm and sweet, very meaty and with few seeds. One of the best sorts for canning, ketchup, soup, etc. Plants grow strong erect and bushy, and bear throughout the season. Pkt. 8c,  $\frac{1}{2}$  oz. 20c, oz. 30c,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50, prepaid.

**635. BONNY BEST**—(74 days.) A standard second early variety, valuable for market gardeners, shippers, and canners and perhaps the most generally grown variety. Fruit: medium sized, apple shaped, smooth, solid, bright scarlet in color, of excellent quality. Pkt. 8c,  $\frac{1}{2}$  oz. 20c, oz. 30c,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50, prepaid.

(MORE TOMATOES ON FOLLOWING PAGE.)

**616. OXHEART**—(90 days.) A novelty of great merit. In shape it's different from any other tomato. It is of great size, has very thick flesh and is almost seedless. Every home garden should have a few of these unusual tomatoes. Excellent in salads. Fruits: extremely large, heart shaped, pink; very solid, meaty, and of mild flavor. Vine: open, spreading, fairly productive. (See inside front cover.) Pkt. 10c,  $\frac{1}{2}$  oz. 35c, 1 oz. 60c,  $\frac{1}{4}$  lb. \$2.00, lb. \$7.00, prepaid.

**626. F. S. & N. CO'S STONE**—(85 days.) More widely used than any other dwarf variety. Popular with canners and market growers everywhere. Fruit: large, globular, flattened, exceptionally attractive, bright red in color and quite solid. Plant: short, compact, with dark foliage. Pkt. 5c,  $\frac{1}{2}$  oz. 15c, oz. 25c,  $\frac{1}{4}$  lb. 75c, lb. \$2.50, prepaid.

**613. MARGLOBE**—(77 days.) Recently introduced by the United States Department of Agriculture, this main crop variety has come into wide use by truckers and shippers and also by canners. Fruit: medium large, nearly globular, bright scarlet, smooth, solid, with thick walls and cross sections; of fine quality. Plant: vigorous, with heavy foliage, resistant to wilt and Nail Head Rust. Pkt. 8c,  $\frac{1}{2}$  oz. 20c, oz. 30c,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50, prepaid.

**628. JOHN BAER**—(70 days.) Here is an excellent early sort maturing between Earliana and Bonny Best. Excellent for local market gardening and canning. We have an exceptionally early strain. Fruit: medium sized, semi-globular, very attractive, bright scarlet red, smooth and firm. Vine: of medium height and open growth. Pkt. 5c,  $\frac{1}{2}$  oz. 15c, oz. 25c,  $\frac{1}{4}$  lb. 85c, lb. \$3.00, prepaid.

Leaf spots or downy mildew on tomato plants may be controlled with Bordeaux mixture, described on page 73.

**609. EXTRA EARLY BISON TOMATO**—A North Dakota introduction by Professor Yeager. Exceptionally early, of medium size, a little larger than Earliana and somewhat flatter. Bison grows a compact plant of the self-pruning type and bears exceptionally heavy; over 40 lbs. of ripe fruit was produced from one plant. Originated from a cross between Burpee's Self Pruning and Red River—just the thing for the home garden or extra early market. Seed supply limited. Pkt. 10c,  $\frac{1}{2}$  oz. 35c, oz. 60c,  $\frac{1}{4}$  lb. \$2.00, lb. \$7.75, prepaid.

**615. BREAK O'DAY**—(70 days.) Break O'Day was developed by U. S. Department of Agriculture in 1930. A cross of Marglobe and Marvana, resistant to wilt and Nail Head Rust. Outstanding in yield, quality and earliness. Fruit: medium large, orange-red, uniform, globe shaped, smooth walls not as thick as Marglobe. Plant: light, of open, spreading habit, with medium foliage, early and very prolific. Pkt. 8c,  $\frac{1}{2}$  oz. 20c, oz. 35c,  $\frac{1}{4}$  lb. \$1.20, lb. \$4.00, prepaid.

**611. SCARLET EXTRA EARLY JUNE**—(60 days.) This tomato ripens a whole week earlier than Earliana, and is very productive. Fruits are of large size for an early sort, deep glossy scarlet, and ripen uniformly, the stem end coloring up perfectly. Flavor is delicious, fruit is firm and meaty, with few seeds. A real quality tomato valuable for the home and truck gardener. Pkt. 10c,  $\frac{1}{2}$  oz. 25c, oz. 40c,  $\frac{1}{4}$  lb. \$1.35, lb. \$5.00, prepaid.

International Falls, Minn.  
F. S. & N. Co. Feb. 12, 1934.  
I have planted your seeds for quite a few years and can say I am more than pleased with the abundance of vegetables we get. Last year was very proud of the Oxheart and Break O'Day Tomatoes I had. Last fall some of the Oxhearts weighed over 3 pounds each—everyone thought them beauties.  
Mrs. H. C. Judd,  
Star Route.



Pritchard or Scarlet Topper.

## TOMATOES—(Continued) See Also Page 23

**636. CRIMSON CUSHION OR BEEFSTEAK**—(90 days.) Very large, round, and uniform, bright scarlet in color. Flesh is solid and meaty, of deliciously mild flavor, with only a few small seed cells. The vines grow from 8 to 10 feet high, and may be trained or tied to a trellis, forming a most ornamental fence for the vegetable garden. If planted early, Beefsteak will ripen by the middle of July, and continue to bear until killed by frost. Pkt. 10c,  $\frac{1}{2}$  oz. 25c, oz. 40c,  $\frac{1}{4}$  lb. \$1.40, prepaid.

**639. GIANT PONDEROSA**—(88 days.) The largest tomato grown. A splendid sort for home use and for canning, as the fruits are so solid, meaty and free from acid. Fruit: very large, flat, purplish pink, solid, with small seed cells; of inviting flavor. Pkt. 10c,  $\frac{1}{2}$  oz. 25c, oz. 40c,  $\frac{1}{4}$  lb. \$1.40, prepaid.

**642. GOLDEN PONDEROSA**—(89 days.) An exceptionally large, mild flavored, yellow sort for the home garden for late maturity. Fruit: very large, flat, deep yellow, quite solid, slightly rough, with small seed cells. Vines: large, spreading, strongly resistant to wilt. Pkt. 10c,  $\frac{1}{2}$  oz. 25c, oz. 40c,  $\frac{1}{4}$  lb. \$1.40, prepaid.

**643. NEW GOLDEN OXHEART**—(92 days.) A novelty that every gardener will want. Just as the Pink Oxheart, its shape differs from any other tomato, is of great size, shaped like an Oxheart. Flesh: almost seedless. Fruit: smooth, of fine, mild flavor and is considered the new leader of yellow varieties. Grow some of these and surprise your friends. Seed supply very limited. Pkt. 15c,  $\frac{1}{2}$  oz. 45c, oz. 75c,  $\frac{1}{4}$  lb. \$2.50, prepaid.

**653. GROUND CHERRY OR HUSK TOMATO**—(86 days.) This is not a true Tomato. Used as a novelty and for preserves. Flavor is outstanding. Excellent in combination with oranges, lemons or ginger. Fruit: small, yellow, round, enclosed in a loose, papery husk. Of delicate flavor. Vine: spreading and flat. Pkt. 8c,  $\frac{1}{2}$  oz. 20c, oz. 35c,  $\frac{1}{4}$  lb. \$1.30, prepaid.



Giant Ponderosa.

One of the Largest Prize-Winning Sorts.



### THE "BEST-YET" PLANT SUPPORT.

Strong, durable. Stakes made of tubular steel. Spring steel hoops. Finished in green weather-resisting enamel. Holds plants in shape and position through wind and rain. Adjustable for any size plant—positive, non-slip adjustment. No strings to tie. Easy to place; easy to adjust.

#### Low Prices:

No. 249-A— $\frac{1}{4}$  in. stake, 6 $\frac{1}{2}$  in. diam. hoop, complete, 15c each, \$1.70 per dozen.

No. 249-B— $\frac{1}{4}$  in. stake, 10 $\frac{1}{2}$  in. diam. hoop, complete, 17c each, \$1.90 per dozen.

No. 249-C— $\frac{1}{4}$  in. stake, 14 $\frac{1}{2}$  in. diam. hoop, complete, 19c each, \$2.10 per dozen.

F. o. b. Faribault, Minn.

All Hoops Made of 10 Gauge Spring Steel.

## TRANSPLANTED TOMATO PLANTS

The following varieties ready for shipment in May and June: Scarlet Ex. Early June, Earliana, Ponderosa, Faribault Dwarf Champion, John Baer, Bonny Best, Scarlet Topper, and Pink Oxheart. 12 for 35c, 100 for \$2.25, prepaid.—Not prepaid, 1,000 for \$15.00.

For Cabbage, Cauliflower, Celery, Chives, Ground Cherry, Pepper, Sweet Potato and Egg Plants, see page 25.

## TURNIPS AND RUTABAGAS

One ounce will sow 125 feet of drill, two pounds per acre in drills, three pounds broadcast. Please order by name and number.

**CULTURE**—Turnips and Rutabagas do best in highly enriched, light loam soil. In rich soil and cool weather, they grow rapidly, without becoming bitter in flavor. Sow in April, in drills 12 to 15 inches apart, and thin out to stand 8 inches apart in the row. Rutabagas keep much longer than Turnips, otherwise there is but little difference in flavor.



Improved Purple Top Rutabaga.

**681. EXTRA EARLY PURPLE TOP MILAN**—(40 days.) An extra early sort for home garden and truckers. Can also be used for forcing. Of excellent quality. Roots: 3 to 4 inch diameter, very flat, white with purple top. Flesh: clear white, fine grained, sweet and tender. Pkt. 5c, oz. 12c,  $\frac{1}{4}$  lb. 30c, lb. 85c, prepaid.—Not prepaid, 5 lbs. at 75c per lb.

**683. WHITE EGG TURNIP**—(55 to 60 days.) Grown principally by home gardeners and truckers to local markets. An early variety adapted for either spring or fall sowing. Roots: 2 to 2 $\frac{1}{2}$  inch diameter, 3 to 3 $\frac{1}{2}$  inches long; egg-shaped, white throughout; smooth, fine grained and of excellent quality. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 70c, prepaid.—Not prepaid, 5 lbs. at 60c per lb.

**685. PURPLE TOP WHITE GLOBE TURNIP**—(58 days.) An all-purpose variety, widely used for home and market gardening, and for shipping. Our pure bred strain is noted for its uniformity and productivity. Roots: 4 to 6 inch diameter, large globe shaped, very smooth, upper part purple-red, white below. Flesh: white, sweet, crisp and tender. Pkt. 5c, oz. 12c,  $\frac{1}{4}$  lb. 25c, lb. 80c, prepaid.—Not prepaid, 5 lbs. at 70c per lb.

**686. EARLY PURPLE TOP STRAP LEAVED**—(45 days.) A medium early productive variety, used extensively for home and market garden planting. Roots: 3 to 5 inch diameter, flat, purple red at the tops, white below. Flesh: white, fine grained and tender. Tops: medium small, upright and compact. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c, prepaid.—Not prepaid, 5 lbs. at 65c per lb.

**698. IMPROVED AMERICAN PURPLE TOP RUTABAGA**—(88 days.) Our special strain is noted for its uniformity of shape and heavy yield. A dependable variety for large scale production for storage and shipping. Keeps well and of excellent quality. Roots: 5 to 7 inch diameter, large, round with small neck and slight tap root; yellow with purple top. Flesh: light yellow, firm, sweet and tender. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 65c, prepaid.—Not prepaid, 5 lbs. at 55c per lb.

**699. WHITE OR SWEET RUSSIAN RUTABAGA**—(90 days.) A very productive sort grown for table use and stock feeding. Roots: 5 to 6 inch diameter, very large, globular, with medium neck, color mainly white, with bronze-green top. Flesh: white, sweet, semi-firm. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 70c, prepaid.—Not prepaid, 5 lbs. at 60c per lb.

**701. F. S. & N. CO'S EARLY NECK-LESS**—A new variety and a great improvement over Purple Top Yellow Rutabaga. It is three weeks earlier—entirely neckless—free from side roots, round and uniform. Its bulbs are half grown before American Purple Top starts to bulb. Another money maker for market gardeners and a quality vegetable that sells on sight. Pkt. 5c, oz. 12c,  $\frac{1}{4}$  lb. 25c, lb. 80c, prepaid.—Not prepaid, 5 lbs. at 70c per lb.

**700. YELLOW MAMMOTH RUTABAGA**—A large size root of good shape, a heavy yielder and very hardy. One of the most profitable to grow. Keeps well. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 65c, prepaid.—Not prepaid, 5 lbs. and over at 55c per lb.

F. S. & N. Co.

I thank you for the high quality seeds you sent me. I always put in a good word for the Farmer Seed & Nursery Co. when talking to my neighbors.

Fennimore, Wis., May 2, 1934.

F. A. Hoffman, Route No. 2.

# VEGETABLE ROOTS AND PLANTS

## TRANSPLANTED VEGETABLE PLANTS

We supply good healthy transplanted plants of all the varieties listed below, in their proper season. Packing charges are included in the prices named. As soon as the transplants are taken from the flats in the greenhouse they are wrapped in moist moss and covered with oil paper, and mailed at once. Prices on plants in 1,000 lots are for seedlings. Special varieties will be especially grown for you if ordered early.

We cannot accept shipments beyond the third zone (300 miles) at prices quoted—all shipments beyond the third zone are sent at customer's risk.

50 or more plants at the 100 rate.

	Postpaid	Not Ppd.	
	Dozen	100	1,000
CABBAGE, Early. Ready in April and May. Jersey Wakefield, pointed head; Copenhagen Market, Golden Acre, flat head.....	\$0.30	\$2.00	\$12.00
CABBAGE, Late. Ready in June. Hollander or Danish Ballhead Premium Late Flat Dutch.....	.30	2.00	12.00
CAULIFLOWER. Ready in April and May. Super Snowball.....	.35	2.50	15.00
CELERI, Early. Ready in June. White Plume, Golden Self Blanching.....	.35	2.00	12.00
CHIVES. Ready in April. Per bunch, about 1 doz. plants 30c. Per dozen bunches.....	1.75		
EGG PLANT. Ready in May and June. New York Purple.....	.50		
GROUND CHERRY. Ready in May and June.....	.45	3.25	
PEPPER. Ready in May and June. Bull Nose, Harris E. Giant, California Wonder.....	.40	3.00	
SWEET POTATO PLANTS. Ready in May and June.....	.40	2.25	13.00
SAGE. Ready in May and June. 6 for 30c, 12 for 50c.....			
TOMATOES. Ready in May and June. Scarlet Dawn, Scarlet Extra Early June, Earliana, Ponderosa, Bonny Best, Faribault Dwarf Champion, John Baer, Oxheart.....	.35	2.25	15.00
ONION SETS AND GARLIC BULBS			on page 16.

**FREE**—Your choice of 1 dozen Cabbage or Tomato Plants with a paid order for 3 dozen or more Vegetable or Flower Plants. (Transplanted plants only.) They will not be sent unless asked for. Order 3 dozen Plants (any Transplanted Vegetable or Flower Plants—not Frost Proof Cabbage or Onion Plants)—get 1 extra dozen FREE. Must be requested when ordered.

## FLOWERING PLANTS for Porch and Window Boxes, Flower Beds, etc.

ASTER PLANTS, American Giant Branching, all colors mixed. Long stems, finest large flowers for cutting. 40c per doz., 100 plants \$2.50, prepaid.

PANSY PLANTS, Maple Leaf Giants, all colors mixed. Striped, spotted, bordered and ruffled, rich textures. 40c per doz., 100 plants \$3.00, prepaid.

PETUNIA, SALVIA, SNAPDRAGON, ZINNIA, LARKSPUR, FOX-GLOVE or CANTERBURY BELL PLANTS in best varieties. 40c per doz., 100 plants, \$2.50, prepaid.

VINCA ROSEA. A free blooming bedding plant that will prove a delightful surprise. Vinca Rosea grows about a foot high—has beautiful star-like flowers of rosy purple and white color. Some have a reddish eye. The flowers are frequently two inches across. The foliage is a glossy green and the plants bloom continuously from early spring until frost—very desirable for window boxes also. Set plants one foot apart and water frequently. 6 plants for 40c, 12 for 60c, 24 for \$1.00, prepaid.

## WASHINGTON ASPARAGUS ROOTS

A rust resistant variety, of large size and rapid growth. Most profitable for market, and very prolific. The tips are firm and tight, and do not open out until quite tall. They are dark green and thick, of beautiful appearance when bunched. The soil should be deeply dug, and plenty of fertilizer mixed in, before the roots are set out. Set the roots in rows 2 1/2 to 3 1/2 feet apart, 8 to 12 inches apart in the rows. The plants should be set so that the crowns are 2 inches below the surface. One-year-old plants are considered best for setting out.

For commercial planting 5,445 Asparagus Roots will plant an acre if set 2 feet apart and rows 4 feet apart, or 11,000 plants if set 1 foot apart and rows 4 feet apart. Price: One-year-old roots, 25 for 55c, 50 for 90c, 100 for \$1.50, prepaid.—Not prepaid: 500 for \$5.00, 1,000, for \$8.50.



Washington Asparagus Roots.

## FROST PROOF CABBAGE PLANTS

No Delivery Beyond the Third Zone (300 Miles).

These plants are extremely hardy, and produce the earliest cabbage, fully three or four weeks ahead of any other plants. They are grown in Texas, during the winter, when the weather is often freezing, enduring cold rains and sleet. They can be set out as soon as the ground can be worked and are not injured by shipping or transplanting, as they make strong growth. They are cheap, profitable and sure to grow.

We offer the three best sorts in bundles of 100 of a kind only, which cannot be divided. Prices include postage.

EARLY JERSEY WAKEFIELD. Per 100 60c, 200 \$1.10, 500 \$2.25, 1,000 \$3.50.

FLAT DUTCH. Per 100 60c, 200 \$1.10, 500 \$2.25, 1,000 \$3.50.

COPENHAGEN MARKET. Per 100 60c, 200 \$1.10, 500 \$2.25, 1,000 \$3.50.

Not available after May 1.



Frost Proof Cabbage.

## BERMUDA ONION PLANTS

To mature extra early, these are grown in Texas, under winter conditions that make them extremely hardy and vigorous. They produce the finest flavored mild onions, in just a short time. They are excellent to grow for green onions, early in spring, or they may be allowed to develop to their full size and used in the fall. They grow large and are fine for market.

We ship Onion Plants at proper time for setting out. We cannot take orders after May 1.

Prices: 200 plants, 45c, 500 plants 95c, 1,000 plants, \$1.50, prepaid. Case of 6,000 plants, \$4.95, not prepaid, weight, 35 lbs.



Bermuda Onion Plants.

## RHUBARB OR PIE PLANT

Rhubarb affords the earliest sauces and pies in spring. Set roots out in spring or fall, in rows 4 feet apart, so the crowns are an inch below the surface. Do not pull stalks the first season. Plants set out in the spring will bear quite abundantly the following season. Fertilizing in the fall will be of great help to the next season's crop. Price: By mail, 3 for 30c, 12 for \$1.00, postpaid.—Not prepaid: 100 for \$5.50.

## HORSE RADISH ROOTS MALINER KREN

The large white variety from Bohemia—much larger and sturdier roots than the common variety. Exceptionally fast grower and most profitable of all. Flesh pure white. By mail, 6 roots for 30c, 12 for 50c, 100 for \$2.50, prepaid. Large Roots for Grating: 10 lbs. \$1.00, prepaid.—Not prepaid: 25 lbs. \$1.75, 100 lbs. \$6.00.

For House Plants, see page 55.  
For Strawberry Plants, see page 27.

## PRIZE GARDEN STRAWBERRY COLLECTION

If you like variety, here it is. Berries all season until snow flies. Plenty to eat, plenty to can and plenty to market for good cash profits.

**Offer No. 1** 100—Early Premier, Best June Bearing Variety ..... \$2.15  
50—Everbearing Mastodon, All Self-Pollinating ..... Prepaid

**Offer No. 2** 150—Premier, Best June Bearing. 100—Mastodon—All Self-Pollinating ..... \$3.25  
Prepaid

For Descriptions See Page 27

F. S. & N. Co.

Mellen, Wis., June 7, 1934.  
I received my Tomato Plants and am more than pleased with them. They are lovely, sturdy plants. You are a very reliable and good company and I assure you I will get you new customers and will buy a larger order from you next season.

Violet Genoshe.



An  
Extra  
Money-  
Maker



## "GERMACO" HOTKAPS

MODERN INVENTION PROTECTS PLANTS FROM FROST.

"GERMACO" HOTKAPS can make many extra dollars for you this season. They are patented wax paper cones—"Individual hothouses for each plant"—that completely cover them, and fully protect them from frost, wind, rain, ground-crusting, and insects. This is your assurance of earlier, bigger crops, and higher early-to-market prices. Hotkaps are inexpensive and easy to use. One man "sets" over 2,500 per day.

Hotkaps enable growers to market crops three weeks earlier and reap the fancy prices paid early in season.

Prices: 1,000 lots, \$10.25; 5,000 lots, \$10.10 per M; 10,000 lots, \$10.00 per M; 250 Trial Package, including Garden Setter with Tamper, \$3.75; 100 Home Package, including Garden Setter with Tamper, \$2.50 f. o. b. Faribault.

Weights: 1,000, 28 lbs.; 250, 9 lbs.; 100, 5 lbs.  
Steel Hotkap, Setter and Tamper, \$1.50.

Garden Setter, each 50c.

Steel Tamper, each 25c.

A Sure Way to Better Your Profits.  
Special Experimental Offer: 25 Hotkaps for 75c; 50 for \$1.25, ppd.

## MASTERS RAPID PLANT SETTER

The only practical tool for transplanting all kinds of plants—Tomatoes, Cabbage, Cauliflower, Pepper, Egg Plant, Strawberries, etc.

Each plant is set, watered and covered in one operation, without any stooping or lame backs. Cuts labor to one-third. With the Masters Rapid Plant Setter, one man will set 8,000 to 15,000 plants per day—this is more than three men can do by hand.

Does Perfect Work.

The roots of each plant are put into the ground in a natural position and firmly set by the absorption of the water into the ground. This is "Nature's Own Way." Transplanting losses are reduced to the minimum. The tiny roots are sucked into the ground almost as though they grew there and the plant takes hold and starts to grow at once.

Don't Wait for Showers.

You can set your plants just when you are ready with the Masters Rapid Plant Setter and you will have a full stand of plants without fail. Works equally successful on hillsides, among stumps and uneven ground.

Thousands are in use—they are guaranteed to satisfy you fully or money back. This Setter will pay for itself within the first week of use. Price: \$5.50, f. o. b. Faribault.



Masters Plant Setter.

## LOCKED PLANT BANDS and PAPER POTS

These are used by progressive gardeners and commercial growers everywhere. Transplant your seedlings to these Locked Plant Bands, and they'll never know they've been disturbed. Fit them into flats until ready to set out, then set the whole band or pot into the ground. Roots are not exposed to air, and there is no setback. Bands make a good guard against cutworms.

Price, of Bands, postpaid: 2x2x2½ inches, the most popular size, 100 for 60c, 250 for \$1.25—not prepaid: 500 for \$2.10, 1,000 for \$3.80, 5,000 for \$15.00; 3x3x3 inches, for larger plants, 100 for 75c, 250 for \$1.50, prepaid—not prepaid: 500 for \$2.65, 1,000 for \$4.95, 2,500 for \$12.00.

Paper Pots—Same as Plant Bands, with folding bottoms. They can be used as extra deep bands, by leaving the bottom unfolded.

Price of Paper Pots: 2x2x2½ inches, 100 for 75c, 250 for \$1.50 prepaid—not prepaid: 500 for \$2.50, 1,000 for \$4.50; 3x3x3 inches, 100 for 85c, 250 for \$2.00, prepaid—not prepaid: 500 for \$3.65, 1,000 for \$7.00.



## NEPONSET BLACK FLOWER POTS

Adapted for growing, transplanting or shipping. Made of tough, waterproof, black paper, eliminating breakage. Permits speed in handling and more economical than clay pots. Used by the best gardeners everywhere.

### PRICE:

	Dozen Prepaid	100 Prepaid	1,000 Not Prepaid
2 -inch	\$.18	\$.70	\$ 5.25
2 ½ -inch	.20	.80	6.25
3 -inch	.22	1.00	7.50
3 ½ -inch	.27	1.25	9.75
4 -inch	.30	1.60	11.50
5 -inch	.35	1.75	15.75



## BERRY BOXES AND CRATES

### EWALD'S FOLDING BERRY BOX

Complying with all state laws, this box is considered the most practical—saves time and effort—no nails or stapling. A strong non-collapsible box in standard quart and pint sizes.

Quart Size—100 boxes, \$1.50; 250 boxes for \$3.00; 500 for \$4.85; 1,000 for \$9.00.

Pint Size—100 boxes, \$1.25; 200 for \$2.25; 400 for \$3.95; 1,000 for \$8.00, f. o. b. Faribault.

## AMERICAN ONE-QUART BASKETS AND CRATES

All made up—firmly constructed—standard size—packed nested. Our best seller and most economical to use. Price: 100 baskets, \$1.10; 500 baskets, \$3.85; 1,000 baskets, \$7.00.

16-QUART CRATES (K. D.)—Price: 10-25 crates, 24c each; 25-50 crates, 22c each; 50-100 crates, 20c each, f. o. b. Faribault.

## STANDARD CRATES

Made from best ½-inch seasoned lumber, planed 9 inches wide and 8 ½ inches high. The sides are of veneering, 4 inches wide and 20 ¾ inches long. Cover is one solid piece of veneering. Use 1 ½-inch cement coated nails.

Sixteen-quart crates—100, \$17.25; less quantities, 22c each.

Twenty-four pint crates—100, \$17.50; less quantities, 21c each.

## WHITE PINE WOOD LABELS

Mark your shrubs, trees and plants, to have everything properly identified.

White Pine Pot Labels. 4 inches by ½ inch wide. Per 100 40c, 500 for \$1.60, 1,000 for \$2.75, prepaid.

Copper Wired Labels. 3 ½ inches by ½ inch wide. Per 100 50c, 500 for \$1.75, 1,000 for \$3.10, prepaid.

Pointed Strawberry Labels. 3 ½ inches by ½ inch wide. Per 100 35c, 500 for \$1.20, 1,000 for \$2.00, prepaid.

High Grade Waterproof Pencils. 7 inches long. Each 15c, 2 for 25c, prepaid.

## RUBBER BANDS

Market gardeners find the use of rubber bands cheaper and far more handy than twine, for Asparagus, Onions, Radish and other bunching vegetables.

We offer new rubber bands, gray, guaranteed free from defects. No. 8—count about 7,000 to the pound; in larger sizes a few less count per pound.

We can supply the following sizes:

No. 8— 7/8 inch long. No. 14—2 inches long.

No. 10—1 1/4 inches long. No. 16—2 ½ inches long.

No. 12—1 3/4 inches long. No. 18—3 inches long.

All 1/32-inch thick.

Price: 1-oz. box 10c, 1/4 lb. 25c, 1 lb. 80c, prepaid.



## IDEAL WEEDEER

Indispensable for all garden work. Just the thing for close work around delicate plants. Most practical weeder on the market. Used by the best gardeners everywhere.

Price: 25c each, 3 for 65c, postpaid.

## HOLE-IN-ONE PLANTING TOOL

Just the thing for setting out plants—makes a hole-in-one operation. Simply cut the tool into the soil and in withdrawing the tool, with a twisting motion, out comes a plug of soil—leaving a perfectly flat bottomed hole. No ragged edges, but a firm base for your plants.

This tool is made of high grade bronze, rigidly constructed—finished in bright red. Price: 55c, prepaid.

The same tool with long handle, designed for hard work and with adjustable foot rest for controlling planting depth, \$2.75, prepaid.





MPLS. JOURNAL,  
Oct. 23, 1933.

Threats of snow and freezing weather don't dismay the Braden Brothers. When fall comes it is their "busy season." They are strawberry farmers, and in the fall they reap their biggest profits off their beds of everbearing vines, which already have withstood four frosts and are still bearing. Here is a case of "Wayzata" Strawberries picked Oct. 22.



October "Wayzata" Strawberries.—Mpls. Journal Photo.

## "WAYZATA" EVERBEARER STARTLES GROWERS

### A NEW RECORD CHALLENGER FOR CONTINUED PRODUCTION, FLAVOR AND SHIPPING QUALITIES

From a single plant, discovered in 1924, in an experimental plot of the Minnetonka district, the Braden Bros. have developed the now famous "Wayzata" Strawberry.

It took years of selection and development from the single plant to produce the new "Wayzata" Strawberry, now recognized as the outstanding introduction which holds such great promise of profit.

The "Wayzata" is a hardy, disease and frost resistant variety—produces a late fall crop equal to the best June berries. Growers everywhere have become interested and all available plants up to 1933 have been sold at not less than \$100.00 per thousand.

The berries are glossy red, of good size, firm texture, coreless and have a fine, mild flavor. Their attractive appearance makes them sell readily on the market and Twin City fruit dealers have been unable to supply the demand for this berry.

Without question the "Wayzata" berry will develop a new market for fall strawberries and make some wonderful profits for growers. It is also an ideal canning berry. (See Braden Brothers' profit record.)

The "Wayzata" will make more vigorous growth in a shorter period of time than any Everbearing variety grown. If set early in spring, there is always a good crop of runners early in July—they will be loaded with fruit by the beginning of August. This new berry has a tendency to grow numerous crowns from a single root and each crown is always loaded with blossom stems. This is the outstanding characteristic of the "Wayzata" and is what makes it a heavy bearer.

### SOME "WAYZATA" PROFIT RECORDS

Here is a true record of a three-acre plot of "Wayzata" Strawberries grown by Braden Brothers.

In 1932: 1933 (Drought Year):

First picking . . . . . July 18	First picking . . . . . July 18
Last picking . . . . . October 23	Last picking . . . . . October 23
Total yield . . . . . 901 cases	Total yield . . . . . 502 cases
Gross sales . . . . . \$3,106.55	Gross sales . . . . . \$2,082.91

What the Minn. Fruit Growers' Assn. Secretary Thinks of the New "Wayzata" Strawberry

"During the past year I have talked with many fruit growers who have grown this Strawberry. The consensus of opinion is that the "Wayzata" is much superior in quality and appearance to other Everbearing Strawberries now grown. It appears to be the most outstanding of the new fruits of recent origin and is likely to be of considerable commercial value to growers on account of its excellent shipping qualities."—J. D. Winter, Secretary, Nov., 1933.

Prices: Strong, hardy plants, delivered in perfect condition—25 plants \$2.50, 50 plants \$4.00, 100 plants \$6.50, 500 plants \$25.00, 1,000 plants \$45.00, prepaid. Special 10% discount for orders received with cash in full before March 1st.

# STRAWBERRY PLANTS

## HOW TO SUCCEED WITH STRAWBERRIES

There is no trick about growing the best strawberries in any ordinary garden soil. Now you can buy strong, well-rooted plants, guaranteed to reach you in perfect condition for about half the usual nurserymen's prices direct from our farms.

Plants should be set about 18 inches apart each way in a small garden, or in rows 5 ft. apart and the plants 1 ft. apart for field culture. This would require 8,700 plants to the acre or a trifle over 50 plants to the rod of land. With good care one may expect one pint of fruit to the plant. Some varieties have yielded 10 to 15,000 quarts per acre.

Spring planting is best. Spread out the roots in setting out plants, water them thoroughly and pack down firmly. Cut runners after blooming time, to strengthen the plants and increase size of the berries. Plants will usually bear 3 to 5 years.

Note—Prices quoted are prepaid to 3rd zone only (300 miles). Shipments beyond go at purchaser's risk and expense.

## GENUINE EVERBEARING MASTODON

The most popular and largest Everbearing strawberry. From early summer into late fall, you can enjoy these large, fine-flavored berries and produce more fruit per square foot of ground than with any other strawberry ever introduced. Reports from satisfied customers are astounding—50 to 60 berries per plant are reported and gardeners are reaping big profits.

Three hundred and fifty to 400 16-qt. cases per acre have been reported by growers—15 to 20 berries filling a quart box.

One hundred plants will supply the average family with berries throughout the season and allow plenty for canning besides.

Last season we could not nearly fill our orders and the demand the coming spring will be even greater. In order to secure genuine Mastodons, hardy northern grown plants, get your order in early.

We offer genuine Mastodon strawberry plants at bargain prices, freshly dug and guaranteed to reach you in prime condition. Prices: 25 for 65c, 50 for \$1.15, 100 for \$1.95, 500 for \$6.25, 1,000 for \$12.00, prepaid.

## PROGRESSIVE EVERBEARER

The standard Everbearing variety which will produce berries from June until November as far north as Duluth. Berries are of medium size—somewhat pointed, dark red in color and of exceptionally fine flavor. The flesh is extra firm and sweet, requiring but little sugar in preserving. This variety forms strong runners which bear heavily the first season and produce enormous crops. Blossoms on all Everbearing varieties should be kept picked until July 15th, from newly set plants. Prices: 25 for 60c, 50 for 95c, 100 for \$1.65, 500 for \$6.00, 1,000 for \$11.00, prepaid.

## SENATOR DUNLAP

The old standby and the most satisfactory and productive June bearing variety. Does well wherever planted. Ripens medium early and continues to bear for a long time. The berries are large, beautiful form and color. Fruit firm and of luscious flavor. Good shipper. Prices: 50 for 55c, 100 for 95c, 500 for \$2.95, 1,000 for \$5.25, prepaid.

## EARLY PREMIER

Premier is about the earliest June bearing variety. It always gives satisfaction and ranks first in the opinion of leading horticulturists. This berry has not only an attractive appearance, due to its large size, bright red fruit, but also has quality and flavor. It withstands drought exceedingly well and is one of the best shippers.

We offer big healthy, well rooted plants with which you cannot fail to get results.

Prices: 50 for 75c, 100 for \$1.30, 500 for \$3.85, 1,000 for \$7.25, prepaid.

## DORSETT

A new variety introduced by the Department of Agriculture, that is making a wonderful record. Immensely popular—especially in the East, but well suited also for the Northwest. It has out-yielded Premier in most trials, producing as high as 6,640 quarts per acre. The foliage is real vigorous, healthy and upstanding. The berries are considerably larger than those of Premier. Color is light red, beautiful in appearance, and appeals to all buyers in the market. A self-pollinating variety.

Dorsett is considered a frost-proof variety, having suffered no frost damage in its numerous trials. The quality of this berry is exceptionally fine and so far the plant supply has been limited. We advise ordering early.

Prices: 50 plants for 85c, 100 plants for \$1.50, 500 plants for \$4.00, 1,000 plants for \$7.85.

## POTTED "WAYZATA" EVERBEARING STRAWBERRY PLANTS

We offer a limited number of especially potted Wayzata Strawberry plants with roots undisturbed, in dirt. Specimen plants that will develop faster and are sure to grow. We guarantee safe delivery. Order early, while they are available.

Prices: 12 plants \$1.50, 50 plants \$5.00, prepaid.

For Strawberry Boxes and Crates See Page 26.



# Plant This Spring!

## OUR BETTER NORTHERN GROWN NURSERY STOCK—AND NEW FRUITS FOR THE NORTHWEST OFFER OPPORTUNITIES FOR EVERYONE

Never in our history have we offered a better selection of hardy Fruits and Ornamental Trees, Shrubs, Plants and Vines—the very choicest new Fruits and Berries developed by the Experiment Stations of the Northwest may be had at prices within reach of all. Even the Government is ready to loan money to improve property with nursery stock. It's the chance of a lifetime to beautify your place—to plan that outdoor living room—to improve the landscape or set out that long-desired orchard and berry patch.

### WE HELP YOU PLAN

If uncertain what to plant, let us help you plan. Tell how much you feel like investing and you will be surprised at the wonderful collection of Trees and Shrubs just a few dollars will buy, and the great improvement it will make to your property.

Minnesota grown Nursery Stock must be hardy. It does cost more to produce it here, therefore do not compare our quotations with Iowa or Nebraska grown stock. Plant for the future, our "Fair Play Guarantee" protects you.

### LANDSCAPE PLANS

We make no charge for suggestions what to plant, however, if a detailed plan is wanted, drawn to scale by our expert landscape draftsman, send us a remittance of \$2.00 to cover a complete plan with full instructions. The \$2.00 we request is to confine our efforts to those who are really interested and the \$2.00 will be refunded on any purchase of nursery stock amounting to \$15.00 or over.

Send for a landscape chart on which to make a rough drawing of your place and present plantings, buildings, etc. It will be sent for 2c to cover postage. No planting plan can be made after March 15th by our Landscape Dept.

### SHIPPING SEASON

As a rule we ship from about March 15th, throughout April and May. All items are securely packed and guaranteed to reach destination in good growing condition. Instructions for care and planting accompany each order.

### SEND PART REMITTANCE ONLY

Make your selections now, so the best specimens may be reserved for your order. Don't wait until the planting season is at hand. Send us only one-third of the amount due with the order—balance can be paid at shipping time.

Note: Owing to the great expense of handling and packing nursery items, we cannot accept orders for Trees, Shrubs or Plants totalling less than 60c.

### PARCEL POST SHIPMENTS

Allow plenty of postage to cover weight of stock and packing material. Any over-payment will be refunded.

Trees larger than 4-5 ft. will require severe trimming if sent by parcels post. For this reason we recommend express shipments.

We reserve the right to ship the most practical way.

### OUR FAIR PLAY GUARANTEE

All of our Nursery Stock carries the Minnesota Inspection Certificate and is guaranteed true to name and in good growing condition. If for any reason you do not find everything just as represented, notify us at once and we will order shipment returned, refund your money, or replace the items without charge.

Any tree or plant that dies the first growing season we will replace at half the catalog price, the following spring. Customers must report such losses not later than October 15th following date of purchase.

We cannot be responsible for losses other than the above.

### PREMIUMS FOR EARLY ORDERS

To encourage early orders before the rush of the season begins, we offer the following premiums on orders received before March 1st, 1935:

With an order amounting to \$5.00 or more—Your choice of

1 American Arbor Vitae, Specimen, 2 ft.  
or 2 Karl Rosenfield Red Peonies—

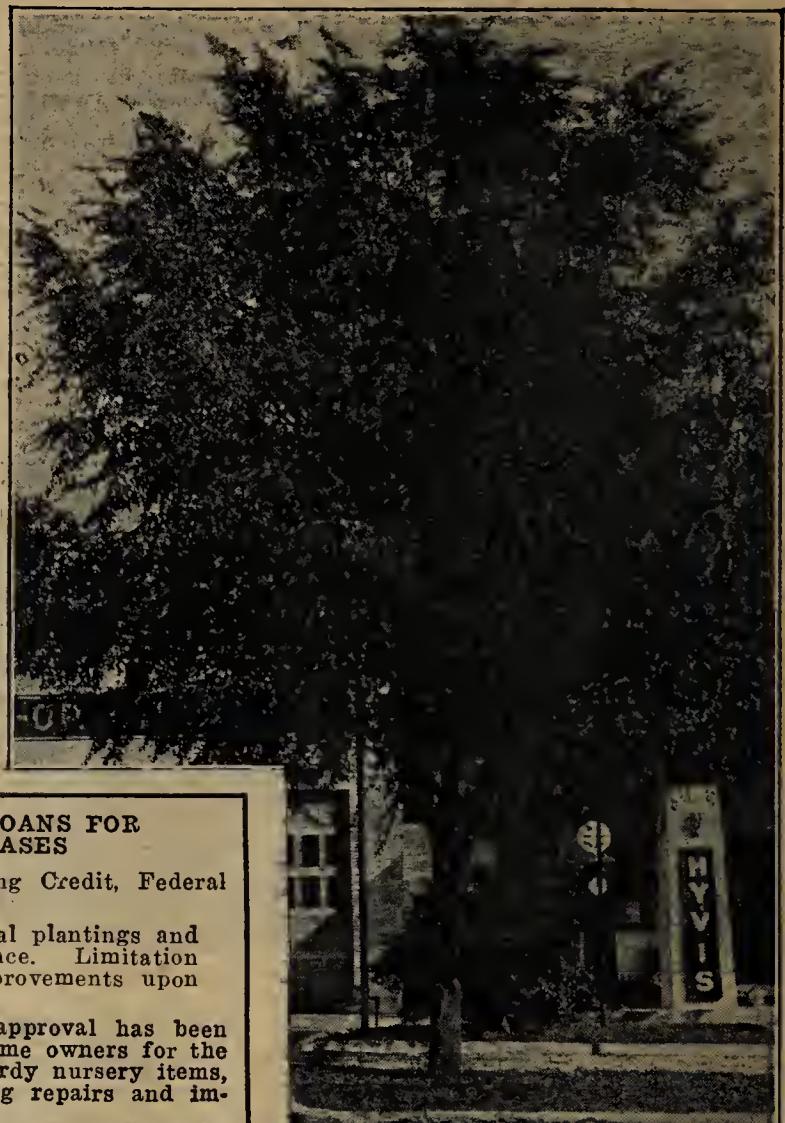
With an order amounting to \$10.00 or more—your choice of

1 Black Hills Spruce, Specimen, 2 ft.  
or 1—One Dollar Nursery Bargain.

With orders amounting to \$15.00 or more—your choice of

1 Black Hills Spruce, Specimen, 3-4 ft.  
or 2—One Dollar Nursery Bargains.

Premiums must be requested when the original order is placed, and no premiums after March 1st.



A 6-Year-Old Chinese Siberian Elm—  
See Page 32.

## One Dollar Nursery Bargains

### HARDY EVERGREENS

Prepaid by Parcel Post

A—15 Douglas Fir Seedlings, 6-8 in...	\$1.00
B—20 Norway Spruce Seedlgs, 6-8 in...	1.00
C—10 Colo. Blue Spruce Seedlgs, 4-6 in.	1.00
D—15 Black Hills Spruce Seedlings, 4-6 in.....	1.00
E— 4 Colorado Blue Spruce Transplants, 8-12 in....	1.00
F— 5 Douglas Fir Transplants, 8-12 in.....	1.00
G— 2 Dwarf Mugho Pine Transplants, 1 ft. across..	1.00
H— 6 Black Hills Spruce Transplants, 12-14 in....	1.00

### ORNAMENTAL SHRUBS AND TREES

Prepaid by Parcel Post

I—25 Chinese Elm Seedlings, 12-18 in.....	\$1.00
J—40 Chinese Elm Seedlings, 6-12 in.....	1.00
K—12 Barberry—Field grown, 1 yr.....	1.00
L—10 Bridal Wreath—Field grown, 1 yr.....	1.00
M— 4 Hydrangea P. G.—Field grown, 1 yr.....	1.00
N— 5 Flowering Shrubs, assorted, average 1 ft.....	1.00
One each—Spirea Froebeli, Hydrangea P. G., Forsythia, Bridal Wreath, Syringa Virginal.	
O— 6 Black Walnut, 1 yr.....	1.00
P— 4 Red Berried Mountain Ash, 1 yr.....	1.00
SPECIAL { Any 3 Collections for \$2.75, prepaid.	
SPECIAL { Any 6 Collections for \$5.00, prepaid.	

# HARDY FRUITS AND BERRIES

## POSTAGE ON PARCEL POST SHIPMENTS OF NURSERY STOCK

If shipment by parcel post is wanted, please add to your remittance as follows:

### For Raspberries and Blackberries:

Standard size plants, 11c as postage for 10 plants, 13c for 25 plants, 15c for 50 plants, 20c for 100 plants.

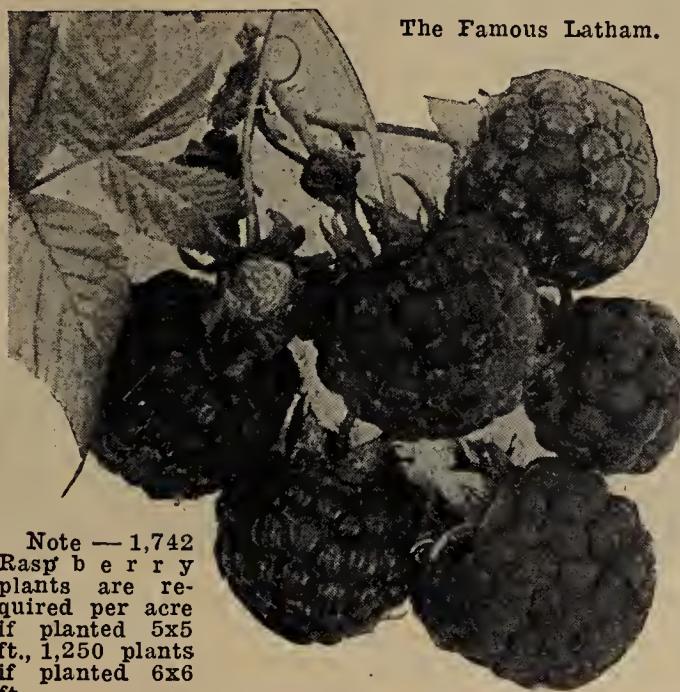
Heavy select grade, 12c as postage for 10 plants, 15c for 25 plants, 18c for 50 plants, 29c for 100 plants.

### For Grapes—either grade:

Add 11c postage for 1 plant, 13c for 5 plants, 17c for 10 plants, 35c for 25 plants.

### For Currants and Gooseberries:

Add 13c postage for 5 plants, 15c for 10 plants, 21c for 25 plants.



Note—1,742 Raspberry plants are required per acre if planted 5x5 ft., 1,250 plants if planted 6x6 ft.

## Minnesota Grown Raspberries BIG LUSCIOUS RED "LATHAM"

State Inspected, Mosaic-Free, Strong Plants. (See page 38.)

Latham has outstripped every other variety in point of yield and hardiness. The fruit is larger than other varieties—easy to pick and commands top market prices. In a yielding contest, Latham produced 5,430 quarts per acre. This wonderful Raspberry received the highest award of state and nation in 1927 when the American Pomological Society awarded the Latham the "Wilder" medal. It is considered the highest award given to any Raspberry.

## NEW "CHIEF" EARLIEST RED RASPBERRY

An Offspring of the Famous Latham—10 Days Earlier. (See page 38.)

The newest outstanding variety from the Minnesota Fruit Breeding Farm. A seedling of the famous Latham and selected for its earliness and superior quality. New Chief has been carefully tested and has proven hardy—a heavy cropper, a good shipper, resistant to disease and is ten days earlier than the Latham. We advise planting both Chief and Latham for continuous production of fruit. Chief is easily grown in any garden soil.

## NEWBURGH RED RASPBERRY

The most promising new variety. Fruit very large and firm, color, bright, attractive red. In keeping and shipping qualities it has no superior. The plants are vigorous, hardy and very productive. Weight of fruit often so great that the canes bend to the ground. No mosaic has appeared in trials up to the present time and fruit growers consider this berry holds great promise for the future. Plant supply is limited.

## CUMBERLAND BLACK RASPBERRY

The most satisfactory black variety. It is a vigorous grower, producing large size berries in great abundance. The most profitable market berry on account of its shipping qualities.

## NEW LOGAN BLACK RASPBERRY

Berries are glossy black and ripen a week earlier than Cumberland. It is a heavy cropper and the berries hold up well throughout the season. Is considered very resistant to diseases. It is a good practice to cover canes in the winter in the North, to avoid winter injury. While this is not always necessary it will pay you well to do so and assure a bumper crop.

## BLACKBERRY—ALFRED

The hardiest of all Blackberries and a new introduction, having withstood temperatures of 30 degrees below zero, without injury. Will thrive anywhere, is fast growing and bears very early. The berries are jet black—large in size—1½ to 2 inches long, coreless, sweet and juicy. They are practically seedless and you would rejoice on having at least a few bushes of this wonderful berry in your garden.

## PRICES, RASPBERRIES AND BLACKBERRIES

		Red Raspberries:						Black Raspberries:									
		Not Prepaid—10	25	50	100	200	300	500	1,000	Not Prepaid—10	25	50	100	200	300	500	1,000
Chief or Latham—	Standard Grade.	\$0.90	\$1.55	\$2.75	\$4.95	\$6.95	\$9.95	\$18.85		Standard Grade.	\$0.75	\$1.35	\$2.50	\$4.00	\$5.50	\$7.85	\$14.85
	Heavy Select...	1.75	2.25	4.15	7.85	10.85	15.35	29.50		Heavy Select...	1.75	2.25	4.15	7.85	10.85	15.35	29.50
Note—We list only sturdy, well developed plants to assure quick fruiting. However, we can also supply No. 2 Medium plants for commercial planting as follows: 100 for \$1.95, 200 for \$3.50, 300 for \$4.80, 500 for \$7.00, 1,000 for \$12.50.																	
Newburgh—	Heavy Select:	10 for \$1.65, 25 for \$2.75, 50 for \$4.75, 100 for \$7.00.															

## HARDY GRAPES

Grapes are easily grown in any garden soil and pay the biggest dividends for the small attention required. These are the hardiest dependable sorts. Prune grapes from November to March. (Weight 10 plants, about 5 lbs.)

**NEW FREDONIA**—A new, outstanding black variety. The earliest good large berried Grape for the Northwest. Vines are vigorous and productive and ripen their fruit three weeks earlier than Concord. Clusters are of medium size, very compact and berries large and round. Skin thick and tough; flesh is juicy and the flavor excellent. This Grape offers a great opportunity for market or home use. Plants none too plentiful—order early. Price: Heavy Grade plants, each 45c, 5 for \$1.40, 10 for \$2.70, 25 for \$6.20, 50 for \$11.10, 100 for \$19.85. Illustration page 39.

**BETA**—Is as hardy as the wild grape and produces heavy crops every year. The fruit is of medium size, black, good quality, ripens early, so can be grown far north. Beta Grapes easily sell at \$2.00 per bushel. There is a good demand for the fruit for jelly and grape juice. Price: Standard Grade plants, 10 for \$1.40, 25 for \$3.50, 50 for \$6.40, 100 for \$12.35. Heavy Grade plants, 10 for \$1.85, 25 for \$4.10, 50 for \$7.60, 100 for \$14.65.

**CONCORD**—Large purplish black fruit, ripens middle of September. Suited to southern half of Minnesota with winter covering. Price: Standard Grade plants, 10 for \$1.15, 25 for \$2.50, 50 for \$4.40, 100 for \$8.35. Heavy Grade plants, 10 for \$1.85, 25 for \$4.10, 50 for \$7.60.

## HARDY PEARS

(See illustration on page 39.)

If more folks realized what wonderful Pears may be grown in the Northwest, Pears would soon become as popular as Apples. The new, hardy varieties compare favorably in size, quality and productiveness with those of the chief fruit-growing states. Growing Pears for market presents an opportunity that should prove profitable.

In planting, the soil should be loosened to a considerable depth as the trees send their roots straight down.

**DOUGLAS PEAR**—Another hardy Pear that has demonstrated its worth to the Northwest. It bears very young, only a year after planting. Is a regular fruiter—never injured by blight. Its fruit is large, golden-yellow, blushed scarlet, flesh white, tender and juicy. The flavor is unusually good. Price: 2-3 ft. 50c each, 3 for \$1.35, 10 for \$4.35; 3-4 ft. 60c each, 3 for \$1.65, 10 for \$5.25.

**PARKER, MINNESOTA NO. 1**—A splendid new Pear, originated by the Minnesota Fruit Breeding Farm, and considered the finest of all. It is large in size, golden yellow with faint blush. Ripens in August. Trees bear young and heavily. Price: 2-3 ft. 85c each, 3 for \$2.35, 10 for \$7.65; 3-4 ft. 95c each, 3 for \$2.65, 10 for \$8.45.

**PATTEN**—A northern introduction, producing good sized fruit similar to Bartlett in form. Color is a greenish yellow with a bronze blush on the exposed side. The flesh is tender and very juicy. Has rich sub-acid flavor. Our first choice. Price: 2-3 ft. 60c each, 3 for \$1.65, 10 for \$5.25; 3-4 ft. 70c each, 3 for \$1.95, 10 for \$6.25.

**TAIT**—Originated in Canada—therefore perfectly hardy. A good fruiter and a real quality Pear that should be found in every garden. Price: 2-3 ft. 50c each, 3 for \$1.35, 10 for \$4.35; 3-4 ft. 60c each, 3 for \$1.65, 10 for \$5.25.

## CURRANTS

Currants and Gooseberries may be shipped into any state, except Connecticut, Idaho, Maine, Massachusetts, Michigan, New Hampshire, New York, Rhode Island and Vermont.

## NEW RED LAKE CURRANT

**MINNESOTA 24**—The newest Minnesota introduction. A Currant that grows big, red berries in long clusters.

The bushes are strong and vigorous with healthy foliage. They bear regularly and produce heavily.

Red Lake makes up into beautiful sparkling bright red jelly, and we predict a wonderful future for it, for either home use or market. Price: 5 for \$2.25, 10 for \$4.35.

## LONDON MARKET

One of the best standard red varieties that will thrive anywhere—requires little care or cultivation—is a good producer of fruit and excellent for jelly or jam. Price: Standard Grade plants, 5 for 95c, 10 for \$1.75, 25 for \$3.85, 50 for \$7.25, 100 for \$12.35.

## GOOSEBERRIES

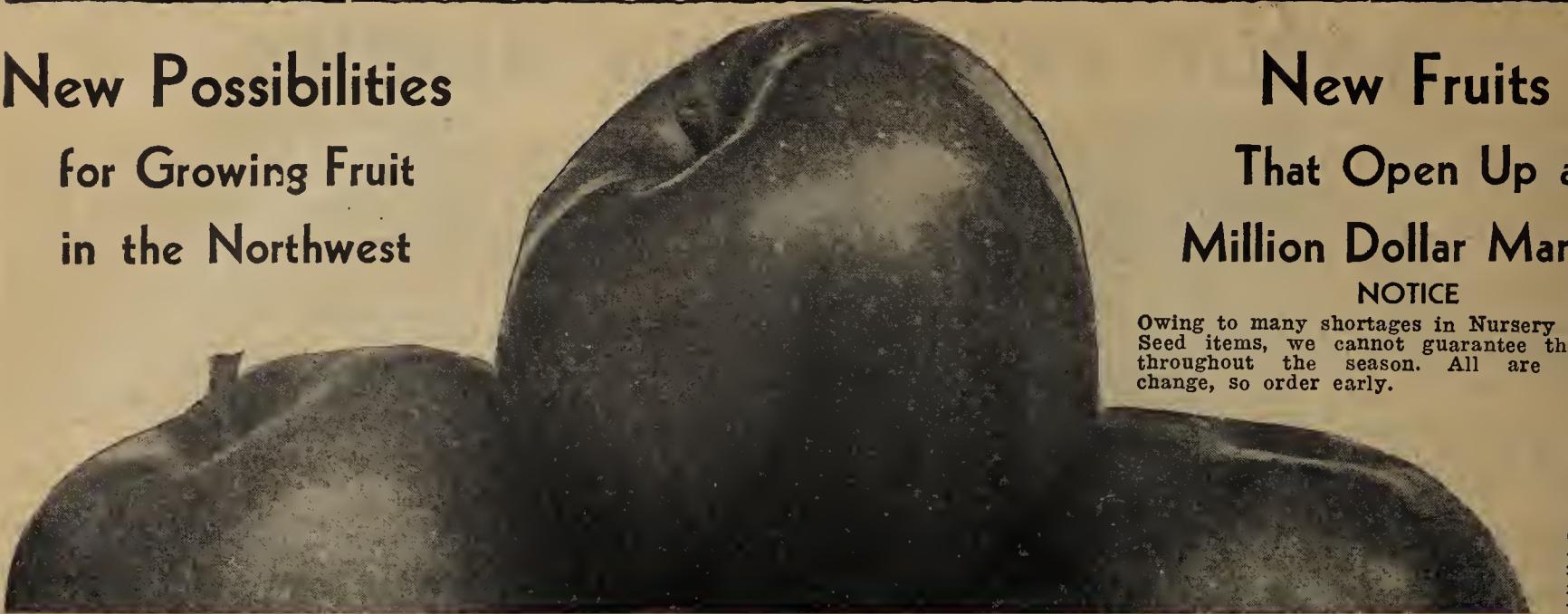
**CARRIE**—The best variety of the Gooseberry family. A heavy yielder of good-sized fruit. Perfectly hardy and recommended by Prof. Hansen as foremost in quality and productiveness. Price: Standard Grade plants, prepaid, 5 for \$1.15, 10 for \$2.25, 25 for \$4.95.

## PRICES, RASPBERRIES AND BLACKBERRIES

		Red Raspberries:						Black Raspberries:									
		Not Prepaid—10	25	50	100	200	300	500	1,000	Not Prepaid—10	25	50	100	200	300	500	1,000
Cumberland—	Standard Grade.	\$0.75	\$1.35	\$2.50	\$4.00	\$5.50	\$7.85	\$14.85		Standard Grade.	\$0.75	\$1.35	\$2.50	\$4.00	\$5.50	\$7.85	\$14.85
	Heavy Select...	1.75	2.25	4.15	7.85	10.85	15.35	29.50		Heavy Select...	1.75	2.25	4.15	7.85	10.85	15.35	29.50
New Logan—	Standard Grade.	1.00	1.75	3.45	6.85	8.85	12.85	19.85		Standard Grade.	1.00	1.75	3.45	6.85	8.85	12.85	19.85
	Heavy Select...	1.75	2.25	4.15	7.85	10.85	15.35	29.50		Heavy Select...	1.75	2.25	4.15	7.85	10.85	15.35	29.50
Alfred—																	
	Blackberries:																
	Heavy Select	\$1.35	3.25	5.85													
	For postage required—see schedule top of page.																



# New Possibilities for Growing Fruit in the Northwest



## Distance Apart to Plant

Apple and Pear Trees should be planted 15 ft. apart in rows and the rows 30 ft. apart; 48 trees will plant an acre.

Plum Trees should be planted 18 ft. apart each way; 134 trees will plant an acre.

Cherry Trees should be planted 10 ft. apart in rows, with rows 18 ft. apart; 544 trees will plant an acre.

to prove to yourself that even California or Washington has no better Apples, Plums or Pears to offer than

## —THE BEST IN APPLES—

See Color Illustrations, Pages 38-39

**THE BIG RED HARALSON APPLE**—The prize origination of the Minnesota Experiment Station. No finer red Winter apple has ever been introduced. The outstanding feature of the Haralson is its keeping quality—keeping in perfect condition until late spring. The Haralson is free from blight and best of all, has the tendency to bear early. Haralson orchards, therefore, come into bearing much more quickly than most other varieties. Haralson produces a good size, deep red apple of excellent flavor. Prices: See below.

**ANOKA — THE SURPRISE APPLE**—Fruit, the second season—wouldn't that surprise you? A real quality apple, early to ripen, of fine color and excellent flavor. This sturdy little tree bears the second year, and each year thereafter, resisting blight and producing a consistent crop of fruit. It is well suited for the Northwest. A one-year-old tree at the Fargo Agricultural Experiment Station bore 26 good apples the second year. Prices: See below.

**MCINTOSH RED**—This variety has come into rapid favor as one of the most important fall and early winter varieties. Large orchards are being set out with McIntosh Red predominating. An exceptionally fine eating apple, of good size, bright red color, and a delicious aromatic flavor. Season, January. Prices: See below.

**NORTHWESTERN GREENING**—The fruit is very large, smooth, handsome, turning yellow as it matures. This is one of the best baking and cooking apples for late winter and spring. Season from December to March. Prices: See below.

## PRICES

Apple Trees	Each	3	10
Haralson . . . . . 3-4 ft.	\$0.50	\$1.35	\$ 4.35
Haralson . . . . . 4-6 ft.	.60	1.65	5.25
Haralson . . . . . 6-7 ft.	1.50	4.25	13.50
Anoka . . . . . 2-3 ft.	.50	1.35	4.35
Anoka . . . . . 3-4 ft.	.65	1.80	5.45
Anoka . . . . . 4-6 ft.	.75	2.10	6.45
McIntosh . . . . . 3-4 ft.	.50	1.35	4.35
McIntosh . . . . . 4-6 ft.	.60	1.65	5.25
N. W. Greening . . . . . 3-4 ft.	.50	1.35	4.35
N. W. Greening . . . . . 4-6 ft.	.60	1.65	5.25
Wealthy . . . . . 3-4 ft.	.50	1.35	4.35
Wealthy . . . . . 4-6 ft.	.60	1.65	5.25
Wealthy . . . . . 5-7 ft.	.95	2.65	8.45

## HARDY NORTHERN APPLE AND PLUM

Apple Trees	Each	3	10
D. Red Duchess . . . . . 3-4 ft.	\$0.45	\$1.20	\$ 3.85
D. Red Duchess . . . . . 4-6 ft.	.50	1.35	4.35
D. Red Duchess . . . . . 5-7 ft.	.95	2.65	8.45
Dolgo . . . . . 3-4 ft.	.50	1.35	4.35
Dolgo . . . . . 4-6 ft.	.65	1.80	5.45
Whitney . . . . . 3-4 ft.	.40	1.05	3.35
Whitney . . . . . 4-5 ft.	.50	1.35	4.35
Whitney . . . . . 5-7 ft.	.95	2.65	8.45
Yel. Transparent . . . . . 3-4 ft.	.50	1.35	4.35
Yel. Transparent . . . . . 4-6 ft.	.60	1.65	5.25
Surprise Plum . . . . . 3-4 ft.	.75	2.10	6.45
Surprise Plum . . . . . 4-5 ft.	.85	2.35	7.65
Surprise Plum . . . . . 5-7 ft.	1.20	3.35	10.95

## New Fruits

### That Open Up a Million Dollar Market

## NOTICE

Owing to many shortages in Nursery as well as Seed items, we cannot guarantee these prices throughout the season. All are subject to change, so order early.

The  
Big  
Red  
Haralson.

### Apples—Pears—Plums—Cherries for Everyone

The nation is becoming fruit conscious. The value of fruit to diet and health is becoming recognized by all classes. More fruits are sold and consumed throughout the entire year than ever before.

The greatest item of expense is transportation from distant states. Now the fruit breeders of the Northwest have solved that problem. Within your grasp and on your own land lie possibilities for fruit production you have never dreamed of.

An increasing market is at your door. You have only

you can produce within a few short years in your own back yard or orchard. Get started now.

### PLUM SECRETS DISCOVERED BY STATE

For years failure of certain Plum Trees to bear baffled fruit growers. Now the Experiment Station has discovered that it takes certain varieties of Plums to pollinate other trees. Plum Trees must have the right mate and the Surprise Plum is the answer. When this Plum was used to pollinate, a bumper crop invariably resulted. See description below.

## NEW CALIFORNIA TYPE PLUMS

See Color Illustrations, Pages 38-39

**SUPERIOR PLUM (MINNESOTA 194)**—This wonderful new Plum was originated at the State Fruit Breeding Farm by crossing with some of the big California Burbank varieties. After testing it out thoroughly in various sections, it has just been christened "Superior" by the State Horticultural Society.

This new Plum is as large as California Plums and surpasses them in quality. It has firm flesh and a beautiful red color. You can peel Superior as you would a Peach. Prices: See below.

**FIEBING PRIZE PLUM**—This new big Red Plum was introduced by Chas. Haralson formerly of the Minnesota Fruit Breeding Farm. It was given the Fiebing Prize at the Minnesota State Fair in 1930. The fruit ripens early, is extremely large, has firm flesh, excellent flavor and a beautiful red color. Fiebing is equal to California Plums in size and quality. You can peel Fiebing as you would a Peach. Prices: See below.

**UNDERWOOD**—The best, most favorably known of the many Plums originated at the Minnesota Fruit Breeding Farm. Bears annually, is of large size and excellent flavor; flesh firm, small pit. It may be readily peeled for canning. Underwood and Surprise should be planted close together to insure setting of fruit. Prices: See below.

**GOLDEN LA CRESCENT**—A beautiful clear yellow, early Plum of delicious flavor. Perfectly hardy—bears profusely. A splendid Plum for home use or local market. Hardier than Goldenrod. Prices: See below.

**SURPRISE**—Ideal for pollinating other varieties; sweet, juicy. A good standard variety. Prices: See below.



WE GUARANTEE SAFE DELIVERY AND FULL SATISFACTION



## MINNESOTA GROWN CHERRIES AND CHERRY PLUMS

These hardy fruits are money-makers. Many are selling them "on the tree."

The trees can be set 10 ft. apart—they begin fruiting the second year. Plant several varieties for best results.

**OKA CHERRY**—A Hansen Sand Cherry hybrid of bushy habit. Bears fruit the first year. Rounder than Sapa, with black-red flesh and remains on the tree longer than most other varieties. Thrives anywhere. Prices: 2 to 3 foot trees, 40c each, 3 trees for \$1.05, 10 trees for \$3.35. 3 to 4 foot trees, 45c each, 3 trees for \$1.20, 10 trees for \$3.85. 4 to 6 foot trees, 55c each, 3 trees for \$1.50, 10 trees for \$4.85.

**COMPASS CHERRY**—Hardy all through the Northwest and Canada. Makes delicious pies, preserves, etc. Small black cherries, thin skin—sweet and fragrant. Blooms with Zumbra and Nicollet. Prices: 5 to 7 foot trees, 95c each, 3 trees for \$2.65, 10 trees for \$8.45.

**ZUMBRA CHERRY**—Nearly black, of good size, very meaty, small seeds. The Zumbra tastes like the big California Cherries usually selling at high prices. Prices: 2 to 3 foot trees, 40c each, 3 trees for \$1.05, 10 trees for \$3.35. 3 to 4 foot trees, 45c each, 3 trees for \$1.20, 10 trees for \$3.85. 4 to 6 foot trees, 55c each, 3 trees for \$1.50, 10 trees for \$4.85.

**SAPA-CHERRY PLUM**—Originated by Prof. Hansen of the South Dakota College. Is as hardy as the native wild Plum and has a delicious flavor and quality. If grown in bush form, nearly twice as much fruit may be had. This variety bears heavily the second year. Plums turn to deep glossy purple, almost black. The flesh is deliciously sweet and juicy, with very tender skin. It makes wonderful jelly. Plums hang on trees three weeks. Prices: 2 to 3 foot trees, 40c each, 3 trees for \$1.05, 10 trees for \$3.35. 3 to 4 foot trees, 45c each, 3 trees for \$1.20, 10 trees for \$3.85. 4 to 6 foot trees, 55c each, 3 trees for \$1.50, 10 trees for \$4.85.

## Select Specimen Evergreens

Modern plantings nearly all include Evergreens. Prices quoted are not prepaid. Plants not marked B. B. may be had with ball of earth for 50c each, additional.

**AMERICAN ARBOR-VITAE**. One of the most valuable native Evergreens that is very easy to grow. The American Arbor-Vitae will thrive in most any situation—is suitable for ornamental planting, hedging or windbreak. Develops a compact, graceful pyramid. Can be easily controlled by trimming. Price: Specimen stock, three times transplanted, 12 to 18 inches, 50c each, 2 for 90c. 18 to 24 inches, 75c each, 2 trees for \$1.35. 2 to 3 feet, heavy trimmed specimens, \$1.00 each, 2 trees for \$1.75. 3 to 4 feet, balled and burlapped, \$2.25 each, 2 trees for \$4.00.

**PYRAMIDAL ARBOR-VITAE**. The outstanding dwarf ornamental Evergreen for home planting. Can be used close to the house or walk. Most effective in groups or pairs when used for ornamental planting. Grows compact and is of natural pyramidal form. Three times transplanted trees. Price: 2 to 3 feet, \$1.50 each, 2 trees for \$2.75. 3 to 4 feet, balled and burlapped, \$3.50 each, 2 trees for \$6.50.

**JUNIPER VIRGINIANA**. A finely formed broad tapering pyramid. Thick, feathery foliage of deep green to silver color. Also known as Red Cedar as it shows a bronze tint in early spring. Will stand close pruning to form a formal column. Excellent for group or background planting. Very hardy and withstands heat and drought. Price: 18 to 24 inches, \$1.50 each, 2 trees for \$2.90. 2 to 3 feet, \$1.75 each, 2 trees for \$3.35. 3 to 4 feet, balled and burlapped, \$3.50 each, 2 trees for \$6.65.

**COLORADO BLUE SPRUCE** (Silver Shiner). From the Rocky Mountain district. Is perfectly hardy, with heavy foliage and short, stiff needles. Very symmetrical and graceful. The foliage is of a beautiful silver-blue color. Well rooted, and three times transplanted. Shipped with ball of earth and burlapped. Price: 18 to 24 inches, \$5.00 each. 2 to 3 feet, \$7.00 each. 3 to 4 feet, \$10.00 each.

**COLORADO BLUE SPRUCE** (Blue-Green Type). Belongs to the same family as the silver-blue variety though foliage is of a bluish-green. Very effective to plant for landscape work. Three and four times transplanted, well-rooted trees, not balled and burlapped. Price: 18 to 24 inches, \$1.75 each, 2 trees for \$3.25. 2 to 3 feet, balled and burlapped, \$2.00 each, 2 trees for \$3.75. 3 to 4 feet, \$3.50 each, 2 trees for \$6.50.

**NORWAY SPRUCE**. A magnificent ornamental Evergreen of compact habit—thick, interlacing branches and thick foliage. A very rapid grower, especially desirable for group planting on the lawn, also screen planting. It is easily sheared, and the foliage never discolors. Price: Twice transplanted, 18 to 24 inches, 35c each, 2 trees for 65c. 2 to 3 feet, three times transplanted, 85c each, 2 trees for \$1.55. If wanted with ball of earth, 50c per tree additional.

Personally selected specimen Evergreens in the field are not subject to these prices but will be priced at select specimen value.

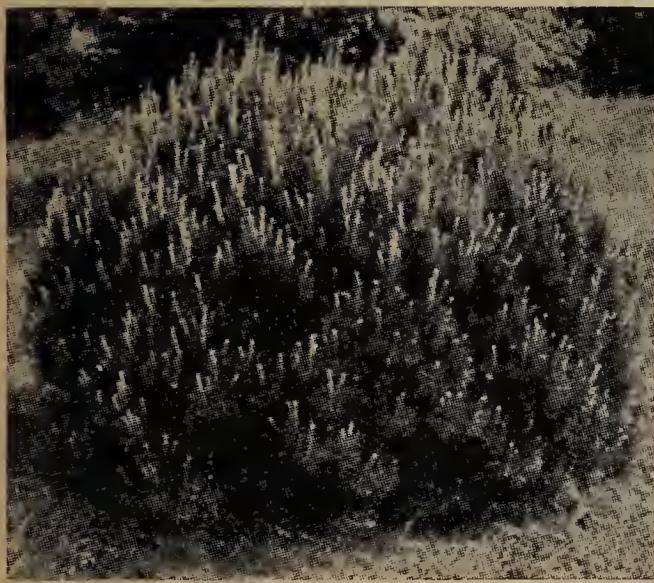
### POSTAGE ON EVERGREENS

Not Balled and Burlapped.

12 to 18 inches—For one 17c, for two 25c. For windbreak Evergreens, see page 32.

18 to 24 inches—For one 23c, for two 37c. For Evergreen seedlings, see page 28.

Black Hills Spruce.



Mugho Pine.

### FREE OFFER

One 8 to 12-inch Mugho Pine free with a \$3.00 order for Evergreens.

Two 8 to 12-inch Mugho Pines free with a \$5.00 order for Evergreens, at regular prices.

Special offers or collections excluded.

## EVERGREEN COLLECTIONS

ONE  
DOLLAR  
BARGAINS  
Prepaid

A—15	Douglas Fir Seedlings, 6-8 in.....	\$1.00
B—20	Norway Spruce Seedlings, 6-8 in.....	1.00
C—10	Colorado Blue Spruce Seedlings, 4-6 in.....	1.00
D—15	Black Hills Spruce Seedlings, 4-6 in.....	1.00
E—4	Colorado Blue Spruce Transplants, 8-12 in.....	1.00
F—5	Douglas Fir Transplants, 8-12 in.....	1.00
G—6	Black Hills Spruce Transplants, 12-14 in.....	1.00

Limited stocks of some varieties may necessitate price advances. Order early.



Attractive Group Planting of Pyramidal Arbor-Vitae, Colorado Blue Spruce, Mugho Pine and Juniper.

## SHADE AND ORNAMENTAL TREES

**ASH, EUROPEAN MOUNTAIN**—Very fine for lawn planting and exceptionally showy with its large clusters of bright orange berries in Autumn. Beautiful dark green foliage, well shaped and very ornamental. Transplanted trees.

**BASSWOOD, AMERICAN LINDEN**—Valuable tree for street or lawn planting—a rapid grower and perfectly hardy. Grows in pyramidal form, has large leaves and fragrant flowers.

**BIRCH, WEEPING CUT LEAF**—A very beautiful and ornamental tree with its cut leaf, drooping foliage. A fast grower and very showy with its white bark. A very popular tree for landscape planting.

**BIRCH, WHITE**—A graceful tree with white bark—very desirable as a lawn tree. Best results for heavy soils or in sections having ample rainfall.

**BUTTERNUT, OR WHITE WALNUT**—A graceful, spreading tree that is valued for its tropical appearance and beautiful wood, as well as for its nuts. Perfectly hardy in the Northwest.

**RED SILVER FLOWERING CRAB**—A flowering lawn tree originated by Prof. Hansen. Produces profuse red blooms, followed by maroon red fruit which hangs on late into the winter. Foliage maroon color throughout season and silver coloring on under side of young leaves. Very showy. Stock limited.

**ELM, AMERICAN**—The most popular of hardy native trees. Grows very tall, graceful and spreading, with drooping foliage. Always a favorite shade tree. Transplanted trees.

**ELM, CHINESE SIBERIAN—THE OUTSTANDING TREE OF THE AGE**—No other tree is in as great a demand at the present time as the Chinese Elm. It is the fastest growing, most satisfactory shade, ornamental or windbreak tree. The U. S. Department of Agriculture Bulletin 945, says—It is a rapid grower with slender, almost wiry branches; is one of the first trees to leaf out in the spring and the last to shed its leaves in the fall. Remarkably free from the usual plant diseases and insect injury so common to the Elm. It is very hardy and has proven valuable under greater varieties of climatic and soil conditions than any tree yet introduced. Its resistance to drought, alkali and extremes of temperature render it especially valuable. The Chinese Elm is adapted to any part of the United States. It will thrive where other trees would never exist and will grow to a height of 60 feet, attaining a girth of 12 feet, though can be easily controlled by pruning. Luxurious shade may be enjoyed in just a few short years and some specimens have reached a height of 23 to 25 feet in four years, with a spread of 18 feet. (See illustration page 28.)

**MAPLE, HARD OR SUGAR**—The King of Maples—straight, spreading, symmetrical in form. A fast grower—attaining immense size—frequently 100 ft. tall. Beautiful foliage, especially in autumn when leaves turn to clear yellow and scarlet.

**MAPLE, SILVER**—Because of its quick growth and good foliage, this tree is in big demand. The leaves appear early in spring, are bright green in color with the lower side silvery. Good for quick effect.

**POPLAR, LOMBARDY**—Very picturesque, tall growing tree. Used extensively for landscape effect, also in screen planting. A rapid grower. Transplanted trees.

**POPLAR, NORWAY**—An excellent shade tree—quick-growing, with spreading branches and straight, upright pyramidal head. Has large, thickly borne bright glossy foliage, very satisfactory and perfectly hardy. Transplanted trees.

**WILLOW, GOLDEN WEEPING**—(Niobe.) A golden-barked tree with graceful, drooping branches. The hardiest and most beautiful of all weeping trees. Introduced by Professor Hansen of Brookings, South Dakota. Plant a pair.

**WALNUT, BLACK**—A sturdy, long-lived, dependable shade tree that combines beauty with usefulness. The nuts from these trees are highly prized, especially for cakes and candies. A group of our Native Black Walnut Trees should be on every farm.

## PRICES—SHADE AND ORNAMENTAL TREES

(Transplanted, root-pruned trees—not prepaid.)

		5-6 ft.	6-8 ft.	8-10 ft.	12-18 ft.	18-24 ft.	2-3 ft.	10 Trees	100 Trees
Ash, European Mountain	.....	5-6 ft.	\$0.95	\$1.75					
		6-8 ft.	1.20	2.25					
Basswood	.....	6-8 ft.	.95	1.75					
Birch, Weeping Cut Leaf	.....	5-6 ft.	2.45	4.75					
Birch, White	.....	5-6 ft.	.70	1.30					
		6-8 ft.	.95	1.75					
Butternut	.....	5-6 ft.	.50	.90	\$4.00	\$30.00			
		6-8 ft.	.65	1.20	5.00	40.00			
Crab, Red Silver, Fir	.....	5-6 ft.	1.00	1.25					
		6-8 ft.	2.00	2.25					
Elm, American	.....	5-6 ft.	.35	.65	3.25	30.00			
		6-8 ft.	.50	.90	4.50	40.00			
		8-10 ft.	.75	1.40	6.85	61.00			
Elm, Chinese (Transplanted)	.....	3-4 ft.	.35	.65	3.20				
		4-5 ft.	.45	.80	3.95				
	(Write for prices on larger quantities)	5-6 ft.	.60	1.10	5.35				
		6-8 ft.	.75	1.35	6.45				
		8-10 ft.	1.25	2.35	11.35				
Maple, Hard	.....	5-6 ft.	.95	1.80					
		6-8 ft.	1.45	2.75					
Maple, Silver	.....	6-8 ft.	.60	1.10					
Poplar, Lombardy	.....	5-6 ft.	.45	.80					
		6-8 ft.	.60	1.10					
Willow, Golden Weeping	.....	4-5 ft.	.85	1.60	Write For Prices				
		5-6 ft.	1.00	1.90	on Larger Orders.				
Walnut, Black	.....	2-3 ft.	.25	.45					



Double Row Chinese Elm Windbreak, 2 Years After Planting.

### WHY CHINESE ELM IS THE GREATEST CONTRIBUTION TO HORTICULTURE IN YEARS

- 1—Because it is a tree of rare beauty with heavy dark green foliage. It combines the beauty of the finest Elms with that of the Cut Leaf Birch.
- 2—Because it is resistant to drought and cold—thrives on poor soil and makes progress in the face of neglect.
- 3—Because it is a tree of rapid growth—generally attaining a height of 8 to 10 feet in two growing seasons.
- 4—Because it holds its foliage until late in the fall.

### WINDBREAK TREES

**ARBOR VITAE**—Excellent for screen or hedge planting—a rapid grower—upright form and conical shape.

**CHINESE SIBERIAN ELM—GENUINE NORTHERN STRAIN**—No farmer can afford to be without a shelter belt of these hardy, fast growing windbreak trees. Many of the old farm windbreaks are “up in the air” the lower limbs and twigs are gone. Supplement your old windbreak with a row or two of our Northern Strain Chinese Siberian Elm—they grow twiggy and leafy and form a windbreak close to the ground. Many farmers are planting several rows of Chinese Siberian Elm, outside of the old windbreaks. It will stop the wind and snow from coming in around the buildings. Plant in double rows, 12 to 15 ft. apart, and 4 to 5 ft. apart in the rows.

**NORWAY SPRUCE**—This is a beautiful tree—one of the best Evergreens for hedges and windbreaks. Perfect pyramidal form.

**BLACK HILLS SPRUCE**—Extensively used for windbreaks. Grows very bushy, compact and symmetrical. Has unusually thick foliage and is easy to grow.

**AUSTRIAN PINE**—Very hardy and satisfactory windbreak or for landscape planting. Will grow to good size.

Isanti, Minn., Aug. 24, 1934.

F. S. & N. Co.  
The 200 Chinese Elms I bought from you were received on the 18th of May and I am highly pleased with them.

My neighbors are amazed at their ability to stand the drought and heat and many of them are planning on sending for some from you next spring.

A highly pleased customer,

John Linden.

### PRICES—HARDY WINDBREAK TREES

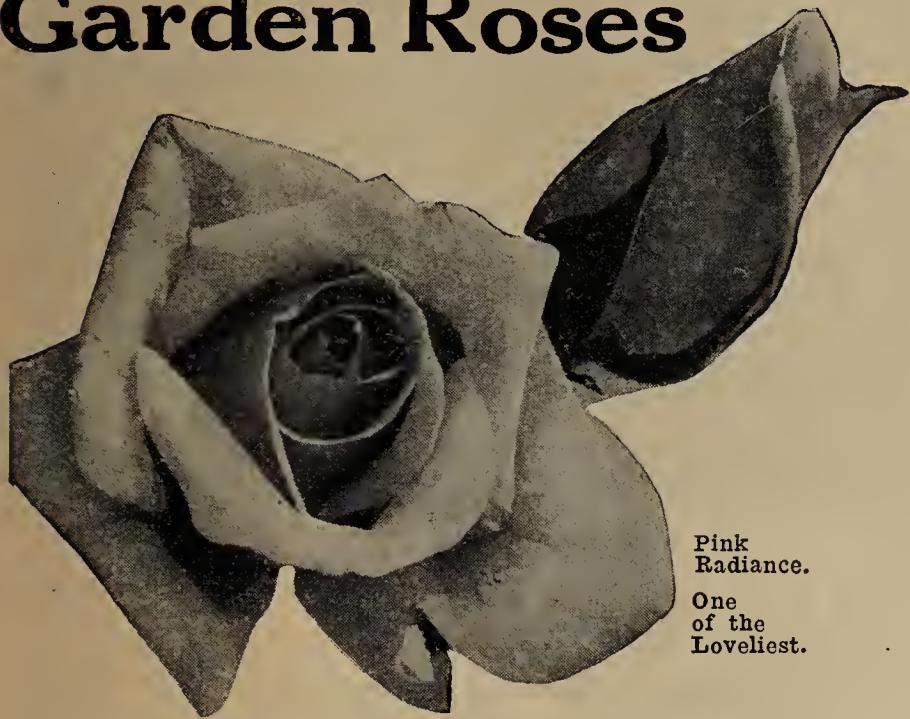
		10	50	100	500	1,000
Arbor Vitae, American	..... 12-18 in.	\$2.00	\$8.00	\$15.00		
(Transplanted)	18-24 in.	2.50	10.50	20.00		
	2-3 ft.	3.50	15.65	30.00		
Elm, Chinese (Seedlings)	...					
Standard Grade	..... 6-12 in.	....	....	\$1.45	\$6.45	\$11.00
Extra Heavy, Branched	..... 6-12 in.	....	....	1.90	8.45	15.85
Standard Grade	..... 12-18 in.	....	....	2.00	8.95	16.00
Extra Heavy, Branched	..... 12-18 in.	....	....	2.60	11.85	21.65
Standard Grade	..... 18-24 in.	.60	1.95	2.70	12.45	22.50
Extra Heavy, Branched	..... 18-24 in.	.75	2.45	3.60	15.85	29.35
Pine, Austrian	..... 12-18 in.	2.00	8.00	15.00		
(Transplanted)						
Spruce, Norway	..... 12-18 in.	2.00	8.00	15.00		
(Transplanted)						
Spruce, Black Hills	..... 12-18 in.	2.50	10.50	20.00		

### POSTAGE REQUIRED FOR CHINESE ELM SHIPMENTS

By Parcel Post—Larger Size Trees by Express or Freight  
Size 6-12 in.—for 10 trees add 10c postage, for 50 trees add 15c, for 100 trees add 20c.

Size 18-24 in.—for 10 trees add 12c, for 50 trees add 20c, for 100 trees add 35c for postage.

# Hardy Garden Roses



The Rose is the queen of all flowers—its beauty, daintiness, and fragrance appeal to all flower lovers. The list of Roses offered below will make it possible for everyone, even in the severe Northwest, to enjoy their beauty and charm.

The greatest care was used in making the selections we offer you—they are the very best from many hundred varieties. Do not confuse them, therefore, with the tender kinds offered at cheap prices that usually disappoint. We offer 2-year field-grown plants.

In planting, it is advisable to cut back Roses about one-third. Non-hardy varieties should have tops tied up with straw or burlap and added protection given with straw, leaves or strawy manure.

Green aphis or lice on Roses may be controlled by the use of **Black Leaf 40** (Sulphate of Nicotine), **Acme Aphid Spray** and **Evergreen** will control many insects. These are described on page 73.

## ROSA RUGOSA—Eskimo Beauties

Don't let any one discourage you from growing these beautiful, hardy Roses, even in the cold, bleak climate of the Dakotas, northern Minnesota and Wisconsin. They will grow where no other Roses can hope to thrive, and without winter protection. These rugged shrub-like plants make excellent hedges, borders or group plantings. They are not subject to disease and produce an abundance of large double, fragrant blooms.

**AMELIA GRAVEREAU.** One of the finest Hybrid Rugosas—bright red flowers, greatly resembling Tea Roses—very fragrant. 2-yr. field-grown plants 45c each, 3 for \$1.15.

**GROOTENDORST.** A carnation red Rose that will bloom throughout the summer, producing large clusters of double blooms. These bushy, vigorous plants are ideal for specimen planting or hedge purposes. 2-yr. field-grown plants 45c each, 3 for \$1.15.

**HANSA.** A vigorous grower, producing handsome, large double blossoms of deep, rich red. One of the best of the Rugosas. 2-yr. field-grown plants 40c each, 3 for \$1.10.

**CONRAD FERDINAND MEYER.** One of the hardest, most beautiful pink varieties; very fragrant, double blooms, disease-resistant. 2-yr. field-grown plants 50c each, 3 for \$1.25.

**SIR THOMAS LIPTON.** An early free-flowering, beautiful snow-white Rose. Flowers are very double and borne in graceful clusters. 2-yr. field-grown plants 40c each, 3 for \$1.10.

## CLIMBING ROSES

**CRIMSON RAMBLER.** An extremely hardy climbing Rose; large, crimson flowers; double. 2-yr. bushes 35c each, 3 for \$1.00.

**DOROTHY PERKINS.** Delicate light pink Rose in clusters; deep, glossy foliage. Fine for trellis and fences. 2-yr. bushes 35c each, 3 for \$1.00.

**GARDENIA.** Yellow Rambler; blooms early and very freely; glossy foliage. Flowers very fragrant. Perfectly hardy. 2-yr. bushes 40c each, 3 for \$1.10.

**PAUL'S SCARLET CLIMBER.** Considered the finest of Climbing Roses—intense scarlet flowers, never fading in the hot sun. Blooms semi-double, and much larger than Crimson Rambler. Very hardy and vigorous grower—an outstanding variety. 2-yr. field-grown plants 45c each, 3 for \$1.15.

**PRIMROSE CLIMBER.** A glowing shade of light primrose yellow, maintained until the petals drop. Flowers are 2½ inches in diameter, and are borne in trusses of 2-5 flowers on long stems. A strong grower. 2-yr. bushes 50c each, 3 for \$1.25.

## SPECIAL ROSE VARIETIES

If wanted shipped by Parcel Post add 11c postage for one, 13c for two or 19c for five Roses. Larger shipments by express.

**FRAU KARL DRUSCHKE.** The White American Beauty—a pure white, long stemmed, double-flowered Rose. It produces immense buds and is the finest Rose of its class for cutting or bedding. 2-yr. bushes 45c each, 3 for \$1.15.

**GRUSS AN TEPLITZ.** One of the most beautiful rich, velvet-crimson Roses—loose of form, fair in size and with pungent fragrance. Blooms come in clusters on long stems and this variety is seldom without flowers. Plant is tall growing, bushy, quite hardy, and well suited for planting among shrubbery. It is taller than ordinary Hybrid Tea Roses. 2-yr. bushes 45c each, 3 for \$1.15.

**HARRISON'S YELLOW.** This is the cheery yellow Rose of our grandmother's dooryard. Bushes are literally covered with sparkling semi-double yellow blooms about the middle of May. A real old-fashioned hardy Rose. 2-yr. bushes 45c each, 3 for \$1.15.

**PINK RADIANCE.** Brilliant rosy carmine shaded with pink. Large flowers, fine form, a constant bloomer and excellent keeper. 2-yr. bushes 50c each, 3 for \$1.25.

**SUNBURST.** Hybrid Tea. A fragrant free-blooming Rose of perfect form. Color, a rich yellow, shaded orange. Exceptionally strong, vigorous and hardy. 2-yr. bushes 50c each, 3 for \$1.25.

**TALISMAN.** Brilliant red and gold buds, opening to well-shaped blooms of scarlet-orange and rich apricot-yellow. Constantly in bloom. One of the most strikingly beautiful Roses ever produced. 2-yr. bushes 50c each, 3 for \$1.25.

**ULRICH BRUNNER.** Large fragrant blooms of bright cherry-red. One of the finest Hybrid Perpetuals for cutting. 2-yr. bushes 50c each, 3 for \$1.25.

### SPECIAL ROSE COLLECTION OFFER

Your choice of any 5 Roses for ..... \$1.80  
Add 19c extra for postage and packing.

## NEW FRENCH HYBRID LILACS

Allow for postage on Lilacs: 3-yr. one plant 13c, three plants 21c; 4-yr. one plant 17c, three plants 31c.

Marvelous, new French Hybrid Lilacs have been brought out recently. They are distinctly beautiful, of rich delicate hues—flowers of large size and delightfully fragrant. The new Hybrids bloom exceptionally early—even when but two feet high in the nursery row. We offer hardy, northern grown stock, on their own roots. Prices are now within the reach of all.

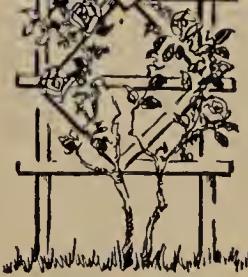
**ALPHONSE LAVALLE.** Blue. Double. Tall, robust growing; makes a very shapely bush. Panicles long, broad, shapely, and compact. Opens an intense blue, but as the florets develop it changes to a beautiful shade of lavender. Strong, 3-yr.-old field-grown plants 45c each; 4-yr.-old plants 60c each, not prepaid.

**CHARLES JOLY.** Double. Deep wine-red. Large trusses held erect well above the foliage. Strong, 3-yr.-old field-grown plants 45c each; 4-yr.-old plants 60c each, not prepaid.

**MADAME LEMOINE.** One of the finest, double white varieties—producing immense clusters. 3-yr.-old field-grown plants 45c; 4-yr.-old plants 60c each, not prepaid.

**LUDWIG SPAETH.** Single. Red. Although one of the oldest of the improved Lilacs still it is one of the very best Lilacs grown. It seems impossible to get a red that has so many good qualities. Panicles long and color a brilliant intense, rich purple-red. Strong, 3-yr.-old field-grown plants 45c each; 4-yr.-old plants 60c each, not prepaid.

**VILLOSA.** Though not a French variety a popular Lilac for large and small plantings. Grows into a large shrub, 10 feet high, with large, heavy waxy-like leaves. Comes into bloom when all other Lilacs are gone. Panicles large, broad, plume-like, a delicate pink color. Strong, 3-yr.-old field-grown plants 45c each; 4-yr.-old plants 60c each, not prepaid.



**ROSE ARBOR  
SPECIAL**

These 5 Climbing  
Roses ..... \$1.80

## The Best Lilacs

### COLLECTION—5 PLANTS

You will prize these most highly as they outclass all previous introductions. They bloom even as a tiny bush and their beauty and fragrance commands the admiration of everyone.

One each of the above—Red, White, Blue, Purple and Pink. 3-yr. size... \$1.85  
4-yr. size \$2.45, not prepaid.

If wanted Parcel Post add 39c postage for 3-yr. size, 47c for 4-yr. size.



Why not develop your yard into an attractive out-door living room for your use and enjoyment?

PRICES:
Perennial Plants, except as noted,
25c each;
3 for 60c;
6 for \$1.00;
12 for \$1.75.
Postage extra.

## HARDY PERENNIAL PLANTS

WELL arranged flower borders provide cheerful color and an abundance of flowers for cutting from early spring to frost. We have selected the following list of perennial plants for their ease of culture as well as for the profusion and beauty of their flowers.

Plants marked with a star (★) are suitable also for Rock Gardens.

★**ALPINE ROCK CRESS.** Pure white flowers produced in dense masses. Splendid for border or rockery.

**BABY'S BREATH** (*Gypsophila*). Misty sprays of tiny white flowers, fine for cutting. Can be dried and used for winter bouquets.

**BALLOON FLOWER** (*Platycodon*). 18 in. Of compact, bushy growth with star-shaped flowers at tip of each branch. Blooms in June and again in September.

**BLAZING STAR OR GAYFEATHER** (*Liatris*). 4-5 ft. Tall spikes of richly colored purple flowers are produced in July and August.

★**BLUE BELLS OF SCOTLAND.** Clear blue flowers. Especially suited to rock gardens. About 12 inches high, blooms continuously.

★**BLUE FLAX.** A plant for border or rockery, 15 inches high. Graceful foliage. Flower, pale blue.

**BLEEDING HEART** (*Dielytra*). An old favorite, graceful sprays of pink and red heart-shaped flowers in May and June. Each 50c.

★**CARPATHIAN HAREBELL.** Compact plants growing about 8 inches high, with clear blue flowers. Bloom from June to October.

**CHINESE LANTERN PLANT** (*Physalis Franchetii*). Bears brilliant orange colored seed pods or "lanterns" in September.

★**COLUMBINE** (*Aquilegia*). Lacy, delicately formed foliage, and graceful, long spurred flowers. Splendid for border or rock garden.

★**CORAL BELLS** (*Heuchera Rosea*). Graceful sprays of coral red flowers on long slender stems. 12 to 18 inches tall, blooms from July to September. Each 30c, 4 for \$1.00.

**DAISY PAINTED** (*Pyrethrum hybridum*). Finely cut foliage, daisy-like flowers in all shades of pink, rose and crimson. Bloom in May and June.

**DAISY, EARLY SHASTA.** Large white waxy daisies with yellow centers, on long stiff stems, in June and July.

**GAILLARDIA** (Blanket Flower). Flowers are a brilliant blending of red, yellow and brown. Bloom all summer. Unexcelled for cutting.

★**GARDEN PINKS, DOUBLE.** Lovely fragrant pink flowers—bloom until late fall.

★**HEN AND CHICKENS** (*Sempervivum*). Small rosettes of gray-green leaves are produced in great abundance. Should be in every rock garden.

**HIBISCUS** (Mallow Marvels). 4 ft. Tall, shrub-like plants bearing large, showy flowers throughout the summer. Colors, crimson, pink and white.

NOTE—If plants are wanted by parcel post, add 10c for 3 plants; 12c for 6; 20c for 12. We cannot accept plant orders under 60c.

## HARDY CLIMBING VINES

**BITTERSWEET.** A native climber with handsome glossy foliage and large clusters of beautiful orange-crimson berries which make a charming decoration for the home in winter. Grow Bittersweet in your own back yard. Price: 2-yr. field-grown plants 45c each, 3 plants \$1.25.

**ENGLISHMAN IVY** (*Ampelopsis*). Belongs to the Woodbine family and is most popular in the Northwest for climbing on stone, brick or stucco. Produces very thick foliage which turns to a brilliant red color in the fall. Its numerous tendrils cause it to cling to any structure. Is perfectly hardy and will withstand drought and heat. Very fast grower. Price: 2-yr. vines 25c each, 5 vines \$1.00.

**CHINESE MATRIMONY VINE** (*Lycium Chinese*). Well-known, hardy fast-growing vine; handsome when covered with scarlet fruit in autumn. Commonly used as a trailer and for a ground cover under trees and on terraces or any kind of steep slopes to hold the soil in place. Price: 2-yr. vines 30c each, 4 vines \$1.00.

NOTE—If vines are desired by parcel post, include for postage and packing: 10c for one, 12c for three, 20c for five.

PRICES:
German Iris, 20c each;
6 for \$1.00;
12 for \$1.75.
Postage extra.
Ready for shipment in May.

**HOLLYHOCKS.** Tall stately perennials, growing from 3 to 6 feet high. Has giant flower spikes in all colors.

### *Iris Germanica—German Iris*

Note: In descriptions "S" refers to standards or upright petals; "F" refers to falls or lower petals.

**AMBASSADEUR.** S., reddish violet; F., velvety purple maroon.

**AMBER.** A very fine, bright yellow.

**FLAMMEN SCHWERT.** S., empire yellow; F., velvety brown.

**LORD OF JUNE.** Very large light lavender-blue.

**OPERA.** A bright violet-red bi-color.

**RHEIN NIXE.** S., white; F., pansy violet edged white.

**SEMINOLE.** General effect wine-red. Frilled petals.

**SWEET LAVENDER.** Just like its name.

**SOUV. DE MME. GAUDICHAU.** Very rich deep purple.

**SUSAN BLISS.** Beautiful rose-pink.

**WEDGEWOOD.** Striking shade of deep, rich blue.

**WHITE QUEEN.** A pure white Iris.

**IRIS SIBERICA—SIBERIAN IRIS.** 3-3½ ft. Blooms in June. Rich violet-blue flowers on graceful stems. Particularly good for cutting. Foliage narrow and grass-like. Very attractive for garden display.

Each 25c, 6 for \$1.25.

**LARKSPUR** (*Delphinium*). One of the showiest perennials, useful as a background for low growing plants. Grows 3 to 5 feet tall, with spikes of rich blue flowers in June and July.

★**MYOSOTIS** (Forget-Me-Not). Dainty blue flowers—fine for dwarf border or rock garden. Blooms May to September.

**PHLOX, HARDY.** Beautiful hardy border plants, with clusters of crimson, pink and white flowers in July and August. 2 to 3 feet high. 30c each, 4 for \$1.00.

**SWEET WILLIAM** (*Dianthus barbatus*). Blooms in June and July. Mixed colors, ranging from deep crimson to white. Plant in masses.

★**ROCK GARDEN SEDUM.** Charming plants for the rock garden. A variety of foliage and bloom, yellow, white and pink.

**VERONICA** (True Blue). Plants grow strong and upright, in dense clumps, producing thick spikes of intense blue flowers from July to September.

NOTE—If vines are wanted by parcel post, add 10c for 3 vines; 12c for 6; 20c for 12. We cannot accept plant orders under 60c.

## CLEMATIS JACKMANII

The most beautiful and showy Clematis with deep velvety purple flowers. A profuse bloomer—strong hardy plant and a rapid grower. Should be pruned early in spring. Price: 2-yr. vines 80c each, 2 vines for \$1.50.

**CLEMATIS PANICULATA.** Small white flowering, very sweet scented plants, originally from Japan. A rapid grower and vigorous climber. This is the most satisfactory variety of Clematis on account of its hardiness. Price: 2-yr. vines 45c each, 3 vines \$1.25.

**CLIMBING ROSES—See page 33.**

**SCARLET TRUMPET HONEYSUCKLE.** A very satisfactory climbing plant with odd-shaped foliage, producing bright red trumpet-shape flowers almost continuously. Very fragrant. Will thrive anywhere. Splendid for covering porches or trellis where it will reach a height of 15 feet. Price: 2-yr. vines 30c each, 4 vines for \$1.00.

## GORGEOUS PEONIES

### From America's Peony Capital

The Peony is the ideal flower for the Northwest, as it is absolutely hardy and even the rose cannot excel it in coloring, beauty and fragrance.

**Culture**—Set the roots so that the eyes are 2 to 2½ inches below the surface. Press the soil down firmly, being careful not to injure the buds. Allow a spacing of 3 feet between the plants. Peonies prefer an open sunny position.

We offer strong field-grown stock with 3-5 eye divisions.

### White Shades

**ENCHANTRESSE (LATE)** The largest late blooming white peony. The immense buds are borne on tall, strong stems and unfold very slowly into mammoth creamy-white blooms of perfect form and delightful fragrance. Each 60c, prepaid.

**FESTIVA MAXIMA (EARLY)**

Paper white, with center petals flecked crimson. Large, full flowers of the true rose type. The most popular of all white varieties. Each 45c, prepaid.

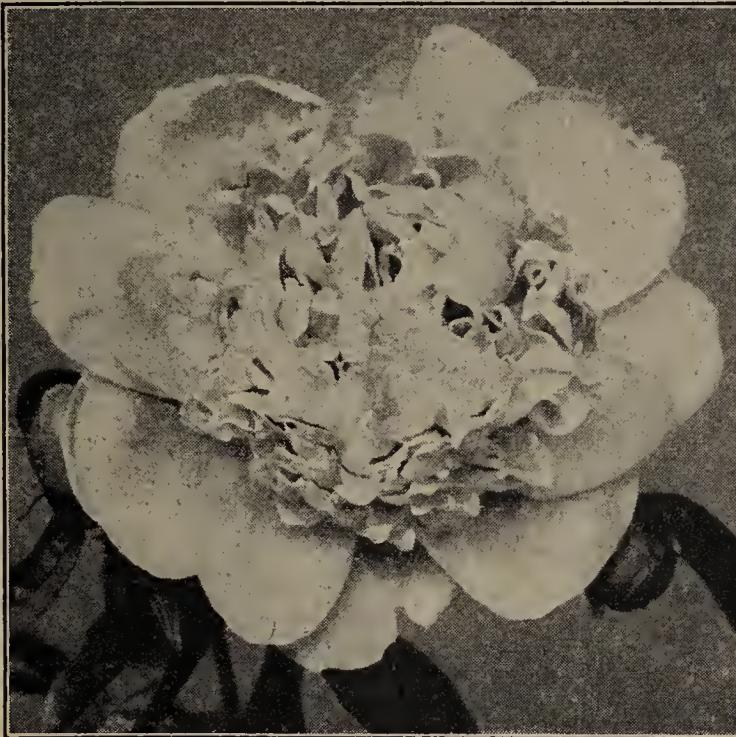
**MARIE JACQUIN (MIDSEASON)**

“The Water Lily Peony.” Semi-double, fragrant flowers of a beautiful, glossy rose-white. The wide incurved petals show an open center of golden yellow stamens resembling a Water Lily. One of the finest peonies grown. Each, 60c, prepaid.

**ALBERT CROUSSE (LATE)** Beautiful soft shell-pink, with faint salmon tints. Plants are tall and produce an abundance of immense rose-type flowers of perfect shape on long, stiff stems. Each, 60c, prepaid.

**EDULIS SUPERBA (EARLY)** Very large flowers of a beautiful deep rose-pink. Sometimes open for Decoration Day here in Minnesota, making it an invaluable variety for cutting. Each 55c, prepaid.

**ELWOOD PLEAS (MIDSEASON)** A lovely shade of light pink with a lavender tone that is very delicate, yet does not fade in the sun. The rich, healthy foliage makes this variety a favorite in landscape work. Each 60c, prepaid.



Sarah Bernhardt—Apple blossom pink.

### Pink Shades

**MME. DUCEL (EARLY)** Uniform flesh-pink with wide guard petals surrounding narrow incurved petals, very like a giant pink chrysanthemum. Plants are of medium height and vigorous growth. Profuse bloomer. Each 55c, prepaid.

**REINE HORTENSE (LATE MIDSEASON)** Delicate hydrangea-pink. One of the largest and finest ever introduced. Fragrant. Good foliage; strong, erect stems. Thrives everywhere and is ideal for landscape use or cut flowers. Each 65c, prepaid.

**SARAH BERNHARDT (LATE)** A lovely apple blossom pink, with each petal silver tipped. Flowers are of the semi-rose type, very large and fragrant. This beautiful peony should be in every garden. Each 65c, prepaid.

### Red Shades

**FELIX CROUSSE (LATE)** A deep rose-red of perfect globe form. Fragrant. A profuse bloomer, and invariably among the winners in the showroom. Each 60c, prepaid.

**KARL ROSENFIELD (EARLY MIDSEASON)** A rich, brilliant shade of pure deep red. Flowers very large, semi-rose type and slightly fragrant. Each 60c, ppd.

**LONGFELLOW (EARLY MIDSEASON)** Bright red with cherry tones. Considered one of the best reds, as it neither fades nor turns dark. Unexcelled as a landscape variety. Each 75c, prepaid.

**MARY BRAND (MIDSEASON)** Deep red flowers with a wonderful silken sheen. Delightfully fragrant. Very free flowering, with many of the stems bearing 3 or 4 large blossoms. Each 65c, prepaid.

**PRINCE OF DARKNESS (EARLY)** Rich dark, maroon-red. Often called the Black Peony, as the flower has a brilliant black luster. Each 55c, prepaid.

**RICHARD CARVEL (EARLY)** Best of the early reds. Has a pleasing fragrance rarely found in red varieties. Flowers are large and bomb-shaped. Each 70c, ppd.

### SPECIAL PEONY OFFERS—ALL PREPAID

#### OUR POPULAR COLLECTION

Includes 3 fine varieties and colors (our selection). All labeled and true to name.....

**\$1.00**

#### LONG SEASON COLLECTION

1 Festiva Maxima. Early.  
1 Mary Brand. Midseason.  
1 Albert Crousse. Late.

**\$1.50**

#### SUPERB PRIZE COLLECTION

1 Enchantresse. Creamy white.  
1 Longfellow. Cherry red.  
1 Reine Hortense. Hydrangea-pink.

**1.75**

## HARDY HEDGES FOR ORNAMENT AND PROTECTION

Space plants 12 inches apart for immediate effect.

**CHINESE HEDGEWOOD.** Extra hardy and quick growing. This beautiful new hedgewood from northern China excels older varieties in many respects.

It is easily sheared to form a compact screen or hedge of any height desired. It has the necessary density of habit. Small clean foliage of a rich bright green color appears early in spring and remains long after leaves on other deciduous hedges have fallen. It is rapid in growth, and exceptionally hardy, even in the most severe climate.

Use Chinese Hedgewood to border the yard or to screen unsightly views. Plant 6 inches to 1 foot apart for quickest effect.

	10	50	100
Chinese Hedgewood. 12-18 inch.....	\$1.25	\$2.85	\$4.85
Chinese Hedgewood. 18-24 inch.....	1.45	3.65	6.65

**AMERICAN ARBOR VITAE.** Makes a very graceful hedge and can be easily controlled by trimming. Price: Twice transplanted stock, 12 to 18 inches, 10 plants \$2.00, 50 plants \$8.00, 100 plants \$15.00. 18 to 24 inches, 10 plants, \$2.50, 50 plants \$10.50, 100 plants \$20.00. 2-3 ft., 10 plants \$3.50, 50 plants \$15.65, 100 plants \$30.00.

**JAPANESE BARBERRY (Thunbergi).** Makes a dwarf growing, uniformly bushy and compact hedge. It grows from 2 to 3 ft. high and in autumn the foliage turns to crimson scarlet and bronze, with fire red berries. Price: 2-yr., 12 to 18 inches, field grown, 10 plants 75c, 50 plants \$3.65, 100 for \$5.85. 18 to 24 inches, 10 plants \$1.25, 50 plants \$5.35, 100 plants \$9.85. 2 to 3 ft. field grown plants, 10 plants \$1.50, 50 plants \$5.95, 100 plants \$11.35.

**BUCKTHORN.** A very hardy shrub. Covered with pretty white blossoms in the spring and red berries in the fall. Can be easily controlled by trimming. Price: 12 to 18 inches, field grown, 10 plants 75c, 50 plants \$3.65, 100 for \$5.85. 18 to 24 inches, 10 plants \$1.25, 50 plants \$5.35, 100 plants \$9.85. 2 to 3 ft. field grown plants, 10 plants \$1.50, 50 plants \$5.95, 100 plants \$11.35.

**SPIREA VAN HOUTTEI.** The well-known hardy shrub which will thrive anywhere. Has clusters of white flowers in May. Price: Field grown plants 12 to 18 inches, 10 plants \$1.00, 50 plants \$4.40. 100 plants \$7.85. 18 to 24 inches, 10 plants \$1.65, 50 plants \$7.65, 100 plants \$12.85.

FOR RED LEAVED BARBERRY PLANTS, SEE PAGE 36.

NOTE—If wanted by parcel post, add 11c postage for 10 plants, 15c for 25, and 20c postage for 100 plants size 12-18 in., or 12c postage for 10 plants, 20c for 25 plants and 35c for 100 plants size 18-24 in.



Chinese Hedgewood—Two Year Growth.

### YOUR HEDGE PROBLEM SOLVED

The hedge problem has worried many a planter, especially during the past few drought years. Now we have a new Hedgewood from north China, that has surprised the horticultural world.

Experiment stations report Chinese Hedgewood to have shown exceptional merit. It grows quickly—has bright green foliage—makes a dense hedge that develops early and stays green longer than most other hedge plants. Best of all, it is so hardy it will grow most anywhere, resists drought and will give almost immediate effect. Splendid for border or screen planting.



Spirea Van Houttei.



Weigela.



Hydrangea.



Forsythia.

**SPECIAL DISCOUNT  
ON SHRUBS**

10% discount on Shrub orders of \$5.00 or more.

20% discount on Shrub orders of \$10.00 or more.

Collections or other special offers excluded. This offer applies to shrubs only.

Allow for postage, 15c for one shrub, 25c for three to four shrubs, 30c for five to six shrubs, etc.—to 3rd zone only.

Larger orders by express.



Spirea—A. Waterer.



Snowball.



Honeysuckle.

## THE BEST SHRUBS FOR HOME OR LANDSCAPE PLANTING

Plant dwarf shrubs (marked D.) about 1-2 ft. apart. Medium shrubs (marked M.) about 2-3 ft. apart and large shrubs (marked L.) about 3-4 ft. apart. All shrubs are guaranteed to reach destination in best condition and are bound to grow. Postage extra. (See Special Discount Above.)

**BARBERRY, RED-LEAVED.** D. The showiest, most attractive shrub of all with its glowing red foliage. It is perfectly hardy, absolutely rust-proof. Has the same graceful foliage as the Japanese and does best in sunlight. Supply limited. Prices: 2-yr. field-grown plants 25c, 3-yr. 35c.

**BARBERRY THUNBERGI.** D. (Japanese.) Very attractive and showy during the entire season and particularly in late fall when it turns to a gorgeous orange and scarlet. Beautiful red berries in winter. Not subject to rust. Prices: 3-yr. field-grown plants 20c, 4-yr. field-grown plants 30c.

**COTONEASTER.** M. A splendid new shrub, used extensively in modern landscape plantings. Luxuriant dark green foliage—small pink flowers. Black fruits remaining on bushes into the winter. Extremely hardy and drought resistant. Prices: 3-yr. field-grown plants 25c, 4-yr. 35c.

**CRANBERRY, HIGH BUSH.** L. A hardy shrub, vigorous grower with soft white flowers in spring. In fall it produces clusters of yellow and deep red berries that remain until frost. These berries make excellent jelly and jam. High Bush Cranberry will do well on the north side of the building and is very much used for background planting. Prices: 3-yr. field-grown plants 40c, 4-yr. 50c.

**DOGWOOD, RED-TWIGGED.** L. Has yellowish-white flowers. Bright red branches and creamy white fruit. Will do well in shade and forms a fine contrast in any landscape planting. Always showy in winter. A rapid grower, attaining great height unless trimmed. Prices: 3-yr. field-grown plants 35c, 4-yr. 45c.

**ELDER, GOLDEN.** L. A very showy golden-leaved bush; extremely hardy. A rapid grower—may be trimmed to any desired height. Produces large, flat white blossoms, followed by red-purplish berries in late summer. Prices: 3-yr. field-grown plants 35c, 4-yr. 45c.

**FORSYTHIA (Golden Bell).** M. The earliest shrub to bloom in spring, brightening the landscape with beautiful bell-shape golden yellow flowers, which cover the entire bush before the leaves appear. Will grow to a height of 5-6 ft., though easily controlled by trimming. Prices: 3-yr. plants 35c, 4-yr. plants 45c.

**HONEYSUCKLE, RED BUSH.** (Tartarian.) L. Blooms in May followed by bright red berries throughout the summer. Good for foundation and screen plantings. Prices: 3-yr. field-grown plants 35c, 4-yr. 40c.

**HYDRANGEA ARBORESCENS. (Snowball Hydrangea.)** M. Valuable for landscape planting. Large globe-shaped flowers. White, tinged a delicate pink. Blooms during September and October. Prices: 3-yr. field-grown plants 30c, 4-yr. 40c.

**HYDRANGEA PANICULATA GRANDIFLORA.** M. Very showy with immense clusters of white blooms in August. Will blossom same season they are planted. Prices: 3-yr. field-grown plants 35c, 4-yr. 45c.

**LILAC, FRENCH HYBRIDS.** L. (See page 33.)

**MAY FLOWER BUSH.** L. Introduced by the Imperial Botanical Gardens of Russia. Remarkable for being the first to come into full leaf in early spring and for the wealth of white blooms which cover the entire bush. Very ornamental for background planting, or as a specimen bush or tree. Prices: 4-5 ft. 50c each, 2 for 90c; 5-6 ft. 70c each, 2 for \$1.30.

**PURPLE LEAF CISTENA.** M. A new shrub introduced by Prof. Hansen of the South Dakota College. Very striking purple foliage—fine color effect. Used in landscape plantings. Very hardy, dwarf and compact. A showy shrub desirable in any landscape. Prices: 2-yr. field-grown plants 35c, 3-yr. 45c.

**RED SILVER FLOWERING CRAB.** L. A Flowering Lawn Tree originated by Prof. Hansen. Produces profuse red blooms, followed by maroon-red fruit which hangs on late into the winter. Foliage maroon color throughout season and silver coloring on underside of the young leaves. Very showy. Stock limited. Size 5-6 ft. \$1.00 each, size 6-8 ft. \$2.00 each.

**ROSE TREE OF CHINA.** (Prunus Triloba.) M. Without question the most striking flowering shrub for early spring. Every branch completely covered with small double, rose-like, pink flowers in May, before the leaves are out. Prices: 2-yr. field-grown plants 35c, 3-yr. 55c.

**SNOWBALL.** L. Always a popular plant, blooming very early—perfectly hardy and producing quantities of white ball-shape blooms. A favorite cemetery plant. Prices: 3-yr. plants 35c, 4-yr. plants 45c.

**SNOWBERRY, WHITE.** D. A very desirable dwarf shrub, perfectly hardy. Has tiny rose-colored flowers in June and July, followed by milk-white clusters of berries in late fall and winter. Does well in sun or shade. Prices: 2-yr. plants 25c, 3-yr. plants 35c.

**SNOW GARLAND SPIREA.** (Arguta.) M. The earliest blooming Spirea, growing 5 ft. tall. Slender and graceful form with delicate leaves. Pure white flowers are produced in great profusion. Prices: 3-yr. field-grown plants 35c, 4-yr. 45c.

**SPIREA ANTHONY WATERER.** D. Has gay crimson flowers that bloom all summer, and variegated foliage. Is very hardy. This dwarf shrub will fit into any plan and always proves attractive. Prices: 3-yr. field-grown plants 30c, 4-yr. 40c.

**SPIREA BILLARDI.** M. Plume-like flowers of delicate rose; upright growth. Medium height. Fine foliage. Prices: 3-yr. field-grown plants 30c, 4-yr. 40c.

**SPIREA VAN HOUTTEI. (Bridal Wreath.)** M. Most popular of all shrubs—very hardy—blossoms profusely in May. Prices: 3-yr. size 25c, 4-yr. size 35c.

**SYRINGA. (Mock Orange.)** L. A tall hardy bush bearing beautiful white flowers that resemble orange blossoms, in great profusion. They are fine for cutting and exquisitely fragrant. Used for background, screen planting or grouping. Attractive foliage. Prices: 3-yr. field-grown plants 30c, 4-yr. 40c.

**TAMARIX, FEATHERY.** M. New, graceful and distinctive appearance, with light and feathery foliage and large, loose panicles of orchid-pink flowers. Prices: 3-yr. field-grown plants 30c, 4-yr. 40c.

**WEIGELA ROSEA.** M. Produces a wonderful display of rose-pink flowers in May and June. They are bell-shape, leaves deep green, and bushes will grow to a height of 4-6 ft. Prices: 3-yr. plants 45c, 4-yr. plants 60c.



**Paul's Scarlet Climber.**  
Two-year field grown plants,  
45c each. Page 33.



**Frau Karl Druschki.**  
Two-year field grown plants,  
45c each. Page 33.



**Talisman.**  
Two-year field grown plants,  
50c each. Page 33.



**Sunburst.**  
Two-year field grown plants,  
50c each. Page 33.



(1) Red Tartarian Honeysuckle; (2) Spirea Billardi; (3) Spirea Arguta; (4) Mugho Pine; (5) Forsythia, Golden Bell; (6) Spirea A. Waterer; (7) Pyramidal Arbor-Vitae; (8) Spirea Van Houttei; (9) Hydrangea P. G.; (10) Red Leaved Barberry.

**SPECIAL ROSE OFFER**  
Your choice of any **\$1.80**  
Five Roses for only  
Add 19c extra to cover postage  
and packing.

If Roses are wanted by parcel post,  
add 11c for one, 13c for two, or 19c  
for five bushes to cover postage and  
packing.



**Ulrich Brunner.**  
Two-year field grown plants,  
50c each. Page 33.

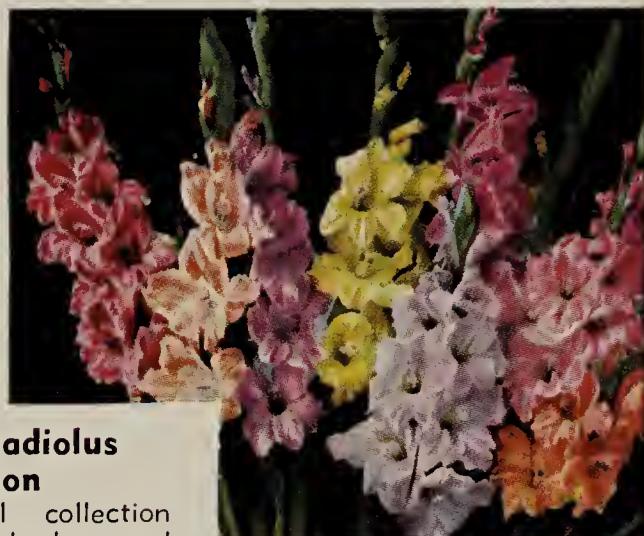


**Conrad Ferdinand Meyer**  
Two-year field grown plants,  
50c each. Page 33.

**Description and Prices of Shrubs**  
in above foundation plant-  
ing will be  
found on op-  
posite page,  
No. 36.

### Harmony Gladiolus Collection

An exceptional collection made up of standard named varieties, such as **E. J. Shaylor**, **Evelyn Kirtland**, **Joe Coleman**, **Mrs. H. E. Bothin**, etc., assuring a wide range of color. Our selection—an outstanding value. **10 blooming size bulbs for 45c; 20 bulbs for 75c, postpaid.** See page 41 for other collections.



Harmony Collection of Gladioli.



Regal Lily.

**The Royal Lily.** Peer of all Lilies for northern gardens. Perfectly hardy. **Large blooming size bulbs, 3 for 25c; 12 for 85c, postpaid.** See page 43.



**Ludwig Spaeth.**

**Alphonse Lavalle.**

**New French Lilacs.** (See page 33).

**Madame Lemoine.**

# New Fruits and Berries

Prices are f.o.b. Faribault unless otherwise stated.



## CUMBERLAND BLACK RASPBERRY

The largest, most profitable black variety. Standard grade plants, 25 for \$1.00. Heavy, select plants, 25 for \$1.75. Add 11c for postage. Page 29.

All Prices  
Are f.o.b.  
Faribault  
Unless  
Otherwise  
Stated.



## DOUBLE RED DUCHESS APPLE

The earliest Double Red Apple—hardy, and good to the core. 3-4 ft. trees, 45c; 4-6 ft. trees, 50c, not pre-paid. See page 30.



The Living Christmas Tree—  
Black Hills Spruce.



## FREE

with your order from  
these pages, a choice  
specimen of this  
Beautiful Evergreen

To encourage planting the newest Fruits and Berries now within reach of everyone, we will include with your order a fine specimen of Black Hills Spruce—**FREE**.

This hardy "Living Christmas Tree" is easy to grow—will thrive anywhere. It may grace your lawn, outdoor living room, or background planting. See page 31 for full description.

### HOW TO GET THIS BEAUTIFUL EVERGREEN FREE

Make up your order for the newest Fruits and Berries shown on these pages, and request the size of Evergreen you are entitled to, as follows:

A \$3.00 order entitles you to a 12-18 in. B. H. Spruce free.  
A 5.00 order entitles you to a 18-24 in. B. H. Spruce free.  
A 7.50 order entitles you to a 2-3 ft. B. H. Spruce free.

This offer does not apply to special Collections or quantity quotation, and must be requested when order is placed.

## New "WAYZATA" Everbearing Strawberry

### First Prize Winner Minn. State Fair—

A Record Profit-Maker. Wholesalers prefer these berries to all others. Quality excellent—berries 'till snow flies—wonderful shipper. Plant supply limited. See page 27.



## LATHAM—WORLD FAMOUS RASPBERRY

Minnesota's prize origination—biggest yielder and proven money maker. Gold Medal winner—easy to grow. State inspected plants. Standard grade plants, 25 for \$1.00. Heavy, select plants, 25 for \$1.75. Add 11c for postage. See page 29.

# ries Anyone Can Grow

## DOLGO CRAB →

Ornamental and fruit tree—extremely hardy. Fiery red jelly Crabs. 3-4 ft. trees, 50c; 4-6 ft. trees, 65c. Page 30.

## ← OKA CHERRY

Large, meaty, black-red cherry—bears fruit the first year. Delicious flavor. Bushy habit—grows anywhere.

2-3 ft., 40c each; 3 trees, \$1.05.  
3-4 ft., 45c each; 3 trees, \$1.20.  
4-6 ft., 55c; 3 trees, \$1.50. Page 31.

## PATTEN PEAR

Large, fine flavored fruit, tender and juicy. Perfectly hardy—very productive. A real Bartlett type Pear for the North. 2-3 ft. trees, 60c; 3-4 ft. trees, 70c. Page 30.

## SAPA CHERRY-PLUM

Large purple-black fruit. Trees bear second year. Sweet and juicy. 2-3 ft. trees, 40c; 3-4 ft. trees, 45c; 4-6 ft. trees, 55c. Page 31.

## ← BIG RED HARALSON APPLE

Minnesota's famous, large red winter Apple—excellent quality, good keeper, perfectly hardy. 3-4 ft. trees, 50c; 4-6 ft. trees, 60c. Page 30.

## NEW FREDONIA GRAPE

The outstanding new early black Grape. Three weeks earlier than Concord. Large, round berries, compact clusters. Its juicy flesh, excellent flavor and heavy fruiting qualities place Fredonia first among hardy Grapes. Strong, heavy plants, 45c each; 5 for \$1.40; 10 for \$2.70.

Postage extra, 11c for 1 plant; 13c for five plants. See page 29.

## ← UNDERWOOD PLUM

Large, popular canning or eating Plum—always a favorite. 3-4 ft. trees, 45c; 4-6 ft. trees, 55c; 5-7 ft. trees, 95c. See page 30.

## SUPERIOR PLUM

Largest California type Plum. Peels like a peach; delicious, yellow flesh. Hardy. 3-4 ft. trees, 75c; 4-6 ft. trees, 85c; 5-7 ft. trees, \$1.20. Page 30.

## “CHIEF” EARLIEST NEW → RASPBERRY

First for market—excellent quality, hardy, a heavy cropper and a real money maker. Standard grade plants, 25 for \$1.00. Heavy, select plants, 25 for \$1.75. Add 11c for postage. See page 29.

ONLY ONE-THIRD PAYMENT REQUIRED WITH ORDER—BALANCE PAYABLE WHEN SHIPMENT IS MADE.



# These are the Flowers You Will Read About



1571—Nasturtium, Double Scarlet Gleam. (Page 50).

## 1571— Nasturtium, Double Scarlet Gleam

Second gold Medal Winner of 1935 All-American selection. Fiery scarlet flowers, semi-double with ruffled petals. Individual blooms almost three inches across. Plants half-dwarf, bushy with few short runners. Excellent for cutting or the garden. Distinctly new and offered for the first time. Pkt., 25c.



1312—Cosmos—Early Klondyke, Orange Flare. (Page 47). Grand Champion Gold Medal Winner for 1935.

## 1312—Cosmos—Early Klondyke, Orange Flare

Grand Champion or first Gold Medal Winner for 1935. First early flowering Cosmos of deep brilliant orange color, with handsome light green foliage. The outstanding novelty of the day. Blooms in less than four months from seed. Pkt., 25c.



1970—Zinnia Fantasy. (Page 54).

## 1970—Zinnia, Chrysanthemum Flowered Fantasy

Striking novelty of curled and crested type. Large flowers with shaggy ray-like petals. Artistic appearance. Colors range in brightest shades of red, yellow and orange, as well as pastel shades of pink and cream. Pkt., 25c.

## 1648—Petunia, Pink Gem

Compact plants 6 inches high, covered with 2-inch flowers of deep pink. Frequently thirty blooms to the plant. Outstanding for borders and window boxes, rock gardens, etc. Pkt., 20c.

### GEMS OF FLOWERLAND COLLECTION

These six new varieties—one pkt. of each, regular value, \$1.40; **\$1.20**  
SPECIAL PRICE, prepaid . . . . .



1978—Zinnia, Dwarf Salmon-Rose. Pkt., 20c. (Page 54).



1628—Pansy, Roggli Swiss Giants. Pkt., 25c. (Page 50).



1648—Petunia, Pink Gem. Pkt., 20c. (Page 51).

## BEAUTIFUL GLADIOLI

### EASY TO GROW

Gladioli have become the most popular of all summer flowers, because of their beauty, ease of culture and usefulness. By making a succession of plantings, two weeks apart, flowers may be had from the middle of July to frost.

**CULTURE**—Any good garden soil will grow Gladioli provided they are planted in a sunny location. The bulbs should be set 4-5 inches deep and at least 6 inches apart. Keep the soil loose and friable by frequent and thorough cultization.

### FAVORITE STANDARD VARIETIES

**CRIMSON GLOW.** Immense flowers of deep scarlet-crimson. Each 4c, dozen 40c.

**GOLDEN DREAM.** Deep golden-yellow. Each 4c, dozen 40c.

**JOHN T. PIRIE.** Mahogany-brown with yellow bordered throat. Each 5c, dozen 50c.

**LOS ANGELES.** Shrimp-pink with glowing orange-carmine blotch. Each 4c, dozen 40c.

**MARNIA.** Large ruffled flower of vivid orange. Each 5c, dozen 50c.

**MARY PICKFORD.** Creamy white with canary-yellow throat. Each 4c, dozen 40c.

**MRS. DR. NORTON.** Delicate cream suffused pink. Each 4c, dozen 40c.

**MRS. P. W. SISSON.** Soft cameo-pink with creamy throat. Each 4c, dozen 40c.

**PURPLE GLORY.** Deep, velvety maroon. Beautifully ruffled. Each 4c, dozen 40c.

**SCARLET PRINCEPS.** Intense scarlet. Each 4c, dozen 40c.

### FAVORITE COLLECTION

1 each of above 10 Gladioli (10 Bulbs) .....	\$0.30
5 each of above 10 Gladioli (50 Bulbs) .....	1.25
10 each of above 10 Gladioli (100 Bulbs) .....	2.25
All prepaid.	

### HARMONY COLLECTION

Illustrated and described on page 37.



Picardy—An exquisite new shrimp-pink.

### SIX PEERLESS GLADIOLI

**EMILE AUBRUN.** Copper bronze with cherry blotch. Each 8c, dozen 80c.

**MINUET.** The best clear light lavender. Each 7c, dozen 70c.

**NANCY HANKS.** Rich apricot, shaded orange-pink. Each 4c, dozen 40c.

**PFITZER'S TRIUMPH.** Brilliant scarlet-salmon with cherry throat. Each 8c, dozen 80c.

**VEILCHENBLAU.** Violet-blue with a beautiful sheen. Each 7c, dozen 70c.

**W. H. PHIPPS.** La France pink, overlaid with salmon-rose. Each 4c, dozen 40c.

### PEERLESS COLLECTION

Two each of above 6 outstanding varieties,  
12 Bulbs (value 76c) all prepaid for.....

### CENTURY OF PROGRESS PRIZE WINNERS

**AFLAME.** Begonia-rose, shading to bright orange flame near edge. Six to seven large blooms open at one time. Each 9c, dozen 90c.

**CHARLES DICKENS.** Brilliant purple-violet. Extra-strong straight spikes, with 10-12 blooms open at one time. Each 8c, dozen 80c.

**COMMANDER KOEHL.** Gigantic flowers of dark scarlet. The best all-red gladiolus ever introduced. Each 10c, dozen \$1.00.

**PICARDY.** Exquisite shade of clear shrimp-pink. Immense ruffled flowers. Creates a sensation wherever exhibited. Each 15c, dozen \$1.50.

**TOBERSUN. (OCTOBER SUN.)** A large, pure deep yellow. Tall spike with 18-22 well-placed blooms. Each 12c, dozen \$1.20.

### CENTURY OF PROGRESS COLLECTION

Two each of above Exhibition Novelties, 10 Bulbs (value \$1.08) all prepaid for ..... 90c

### EIGHT SUPERIOR SORTS

**BETTY NUTHALL.** Coral-pink with pale orange throat. Each 5c, dozen 50c.

**CRINKLES.** Deep peach-blossom pink. Heavily ruffled. Each 8c, dozen 80c.

**DR. F. E. BENNETT.** A vivid, fiery scarlet. Each 5c, dozen 50c.

**HEAVENLY BLUE.** Lovely clear, light blue. Each 10c, dozen \$1.00.

**HERBSTZAUBER. (AUTUMN FASCINATION.)** Copper-salmon. Each 10c, dozen \$1.00.

**KALAMAZOO.** Violet-purple with creamy white throat. Each 8c, dozen 80c.

**LA PALOMA.** A rich, brilliant orange. Very large. Each 8c, dozen 80c.

**MARMORA.** Silvery lavender-gray with petunia-purple blotch. Each 8c, dozen 80c.

### SUPERIOR COLLECTION

1 each of above 8 named sorts for... \$0.55  
2 each of above 8 named sorts for... 1.00  
All prepaid.

Ismene Calathina.

### Miscellaneous Spring Bulbs

**TUBEROSE. (DWARF DOUBLE PEARL.)** Height 18 in. Dwarf, stocky plants, with spikes of pure white wax-like double flowers with a delicious fragrance. Bulbs planted in a sunny position in the garden in May, bloom in fall. If early flowers are wanted, bulbs may be started in pots in the house, and transplanted to the open ground in May. To preserve tubers over winter, they must be kept in a warm room, or the flower stem will rot, and the tubers never bloom. Each 8c, dozen 75c, prepaid.

**ISMENE CALATHINA. (PERUVIAN DAFFODIL.)** Not hardy. Lovely large amaryllis-like flowers of pure white, borne 3-4 on a stem. Very fragrant. Plant outdoors in June. Bulbs may be taken up in October, stored in a cool dry place for several weeks, and then potted and flowered in the house in winter. Each 25c, 3 for 50c, prepaid.

**CINNAMON VINE. (DIOSCOREA BATATAS.)** A beautiful climber—growing 30 ft. in a single season. Easily trained. It has glossy heart-shaped foliage and produces clusters of delicate white flowers, very fragrant. Especially hardy and will thrive anywhere. Strong roots each 15c, 3 for 40c, prepaid.

**MADEIRA VINE. (CLIMBING MIGNONETTE.)** Has small white feathery flowers; light green leaves, heart-shaped and is a rapid grower. Fine for arbor, trellis or summer houses. A free, constant bloomer—not hardy. Large bulbs each 10c, 3 for 25c, dozen 90c, prepaid.

FOR HARDY VINES, SEE PAGE 34

### GLOXINIAS

Easily grown in pots for summer or winter blooming. They make a glorious display continuing in bloom for several months. Bulbs ready for shipment after March 1st. Complete cultural directions with every order. Price, each 35c, 3 for \$1.00, prepaid.



Tuberose.



Strong field-grown tubers,  
dormant stock.

**AMBASSADEUR.** Semi-Cactus. Color, a soft buff yellow, shaded salmon-pink. The immense blooms are carried on long, stiff stems, well above the foliage. At one time Ambassadeur sold for \$50.00 per root. Each 85c, prepaid.

**CONGRESSMAN WOLVERTON.**

Informal Decorative. A bright, luminous, salmon-pink. Perfectly formed flowers on straight, rigid stems. Blooms everywhere, and is a great acquisition to the exhibition table as well as the garden. Each 60c, prepaid.

**EDNA FERBER.** Semi-Cactus. A glistening coral color, shading to old gold at base of petals. Medium to tall habit of growth, with thick, dark green foliage. The unusual beauty and color of the flower attracts immediate attention. Each 60c, prepaid.

**JANE COWL.** Informal Decorative. This wonderful Dahlia is a success wherever grown. Color, a warm buff and old gold, blending to apricot and rose at the center. Bush growth is ideal, with strong stems holding the giant flowers upright. Each 35c, prepaid.

**JERSEY'S BEAUTY.** Formal Decorative. Color is a vivid, glowing rose-pink. The massive flowers are of great depth, always full to the center. Plants are strong with tall, stiff stems. Each 30c, 3 for 80c, prepaid.

**KEMP'S VIOLET WONDER.**

Informal Decorative. Impressive blooms of rich violet, with an underlying tone of royal purple. The massive flowers are borne on strong stems well above the tall plant. Each 50c, prepaid.

**KENTUCKY.** Formal Decorative. A brilliant salmon-orange shading to orange-yellow at the base, and deepening to grenadine-pink on outer petals. A sport of Jersey's Beauty, having the same excellent qualities. Each 35c, prepaid.

**EEZY WEAR GARDEN GLOVES**  
All-Leather—Dirt-Proof —  
Soft as Kid—Extra Pliable.  
Economical — outfit  
wear 6 pairs of fabric  
gloves and are useful  
the year 'round for  
Garden, Housework,  
Painting, Yard, Furnace,  
Garage, etc.

**WASHABLE!**

Sizes for women: "Small," "Medium," "Large"—for men: "Medium," and "Large." Price: 65c a pair (2 pairs, \$1.20), postpaid.

**A SHOWY CANNA BED**

A round bed 7 feet in diameter requires 19 Cannas. They should be set 18 inches apart each way, one in center, six in first row and twelve in outside row. The center of the bed should be 4 to 6 inches higher than the level of the lawn. Foliage plants such as Coleus, Dusty Miller, etc., make an effective border.

**SPECIAL OFFER**

19 of Our  
Finest Cannas \$1.65  
prepaid for ..

# SUPERB DAHLIAS

*Marvels in Size of Flower and Length of Stem*



Edna Ferber—glistening coral color.

Leaflet on Dahlia Culture  
free upon request.

**MONMOUTH CHAMPION.** Formal Decorative. Flower of great size and brilliant orange flame color. Plants are good producers of perfect blooms throughout the entire season. Each 60c, prepaid.

**PRINCE OF PERSIA.** Informal Decorative. Immense flowers of a rich, glowing cardinal red. The petals are of great depth and substance. Blooms are carried perfectly erect on long, stiff stems. The bush is vigorous and tall, with lustrous foliage. A Roll of Honor Dahlia. Each \$1.10, prepaid.

**ROBERT E. LEE** Semi-Cactus. Color, bright luminous cardinal red which neither fades nor burns. Plants average a dozen blooms at all times, from July until October. The favorite red for exhibition, garden and cut flowers. Each 85c, prepaid.

**SNOWDRIFT.** Formal Decorative. A large, pure white Dahlia with broad, rather flat, waxy petals. Has good stems and blooms freely. Bush grows about 4 1/2 feet tall. Each 30c, 3 for 80c, prepaid.

**STAR OF BETHLEHEM.** Semi-Cactus. Large pure white flowers with pointed petals, and a high, full center. The dense, dark green foliage makes a beautiful plant and sets off the star-like blossoms, enhancing their waxy appearance. Each 75c, prepaid.

**TREASURE ISLAND.** Formal Decorative. Color, bright apricot with gold and rose suffusion and shadings. Bush growth is strong, branching readily from the ground, giving four-foot stems. A wonderful success wherever grown; as it withstands heat and drought remarkably well. Each 50c, prepaid.

**WATCHUNG WONDER.** Informal Decorative. A rich, royal red, with a touch of gold at the tips of the petals and occasional tiny petaloids of gold to enhance its beauty. Stems are strong with blooms facing upward. Flowers have unusual keeping qualities, as back petals can be removed when withered and centers will open out to perfect blossoms. Each 60c, prepaid.

**MIXED DAHLIAS.** This mixture includes all different types and is made up of fine varieties and colors. Excellent for cut-flower purposes or for planting in mixed borders. To encourage a liberal planting of them, we offer choice mixed dahlias at 3 for 50c, 6 for 90c, 12 for \$1.70, prepaid.

## SPECIAL DAHLIA OFFERS

### Quality Collection

One of	Jane Cowl—Buff .....	85c
Each	Jersey's Beauty—Pink .....	Prepaid
	Snowdrift—White .....	

### Gems of Color Collection

One of	Edna Ferber—Coral .....	\$1.35
Each	Kentucky—Pink, suffused gold .....	Prepaid
	Monmouth Cham.—Orange-scarlet .....	

### Elite Collection

One of	Ambassadeur—Buff-yellow .....	\$1.75
Each	Congressman Wolverton—Pink .....	Prepaid
	Kemp's Violet Wonder—Violet .....	

### De Luxe Collection

One of	Prince of Persia—Cardinal-red .....	\$2.00
Each	Star of Bethlehem—Pure white .....	Prepaid
	Treasure Island—Apricot .....	

## CANNAS

Used extensively for mass planting in beds and for color effect in hardy borders. Roots started indoors in April may be set out in June when danger of frost is past. We offer dormant roots of first quality.

**KING HUMBERT.** 4 ft. Large trusses of orange-scarlet flowers. Foliage is bronze, very broad and handsome. A "Gold Medal" Canna.

**THE PRESIDENT.** 4 1/2 ft. Rich glowing scarlet flowers, 7 inches across, on strong, erect stalks. The foliage is green.

**HUNGARIA.** 3 1/2 ft. The best pink Canna. Leaves bluish-green, never burn. Trusses are compact and of enormous size.

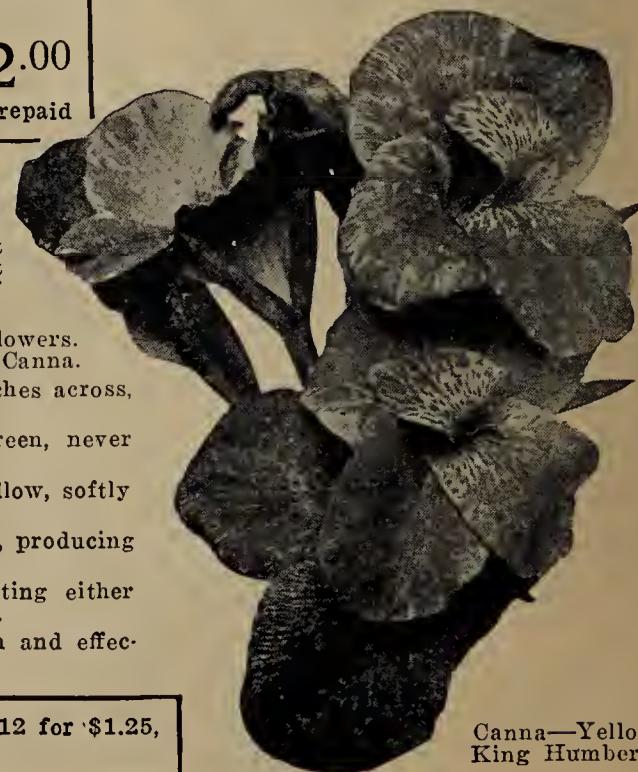
**YELLOW KING HUMBERT.** 4 ft. Flowers a deep rich yellow, softly spotted and blotched with bright red. Foliage very dark green.

**APRICOT.** 4 ft. Color, buff-yellow overspread with salmon-pink, producing a mass effect of rich apricot.

**MRS. ALFRED F. CONRAD.** 4 ft. Unsurpassed for planting either singly or in large beds. Foliage is green; flowers exquisite pink.

**GOLDEN GATE.** 4 ft. Color, pure golden yellow. Very rich and effective. Flowers of good size held well above the foliage.

Price, any of the above dormant roots, 15c each, 6 for 75c, 12 for \$1.25, 100 for \$8.50, prepaid.



Canna—Yellow King Humbert.

## HARDY GARDEN LILIES

## HOW TO GROW THEM

*Charming in the Garden  
and Exceptionally  
Fine for Cutting*

Plan to Make a Generous  
Planting of Several  
Varieties This Spring

## LILY COLLECTION

1 Auratum—Ivory-white, striped yellow.
1 Rubrum—White, shaded rose.
1 Henryi—Rich apricot-yellow.
1 Double Tiger—Orange-scarlet.
1 Tenuifolium—Brilliant coral-red.
5 bulbs, (value \$1.35) all prepaid for ..... \$1.15



The Gorgeous  
Flower of the  
Lily-like  
Amaryllis.

## GIANT HYBRID AMARYLLIS

Magnificent house plants with handsome broad dark green leaves and gigantic flowers of perfect form and gorgeous beauty. The colors range from almost pure white, through various shades of pink to the deepest scarlet and maroon, some with mottled throats and beautiful markings. Complete cultural directions will be sent with order. 3-year bulbs in choicest mixture only. Each 35c, 3 for 90c, prepaid.

BULBS FOR FALL  
PLANTING

Tulips, Narcissi and Hyacinths must be planted in the fall. Our Special Fall Bulb Circular containing descriptions and prices of these and many other hardy Spring Flowering Bulbs will be ready about September 15th. Send for it.

## GARDEN BOOKS

AUDELS GARDENERS' AND GROWERS' GUIDE—4 volumes, 1,700 pages, hundreds of illustrations. A Treasure Store of Success Secrets. Tells how to prepare the soil, how to plant, grow and improve vegetables, fruits and flowers. Flexible art binding, \$5.35, prepaid. Circular free.

AUDELS FLOWER EDUCATOR—600 pages, hundreds of illustrations. Gives successful directions for planting and growing Annuals, Perennials, Bulbs, Shrubs and Fine Lawns. Invaluable to every gardener. Flexible art binding, \$1.50, prepaid.

**Location**—The hardy border is an ideal location for Lilies, as they need sunshine on their tops and shade about their roots. The foliage of surrounding low shrubbery and plants provides shade and shows the flowers to best advantage.

**Soil**—Should consist of 2 parts good black loam and 1 part well-rotted leaf mold. In planting, the bulbs should be surrounded by a cushion of clean sand to provide drainage and prevent rotting.

AURATUM (GOLD BANDED LILY  
OF JAPAN)

Height 4-6 ft. Large, graceful, fragrant flowers of delicate ivory-white, richly spotted with crimson and striped with golden yellow. Blooms in July and August. Set bulbs 8-10 inches deep. Each, 30c, 3 for 80c, prepaid.

## RUBRUM MAGNIFICUM

Height 2-4 ft. Immense fragrant white flowers, beautifully shaded and spotted with rose and crimson. Petals are recurved and wax-like. Blooms in late August. Set bulbs 8-10 inches deep. Each 30c, 3 for 80c, prepaid.

## REGALE (THE ROYAL LILY)

Height 3-5 ft. The most beautiful of all hardy garden Lilies. Large, fragrant trumpet-shaped flowers of ivory-white, shaded rose, with centers flushed yellow. The stems are sturdy and bear clusters of from 2-8 flowers each. Bloom early in June. Each 10c, 3 for 25c, prepaid. Illustrated in color on page 37.

## HENRYI

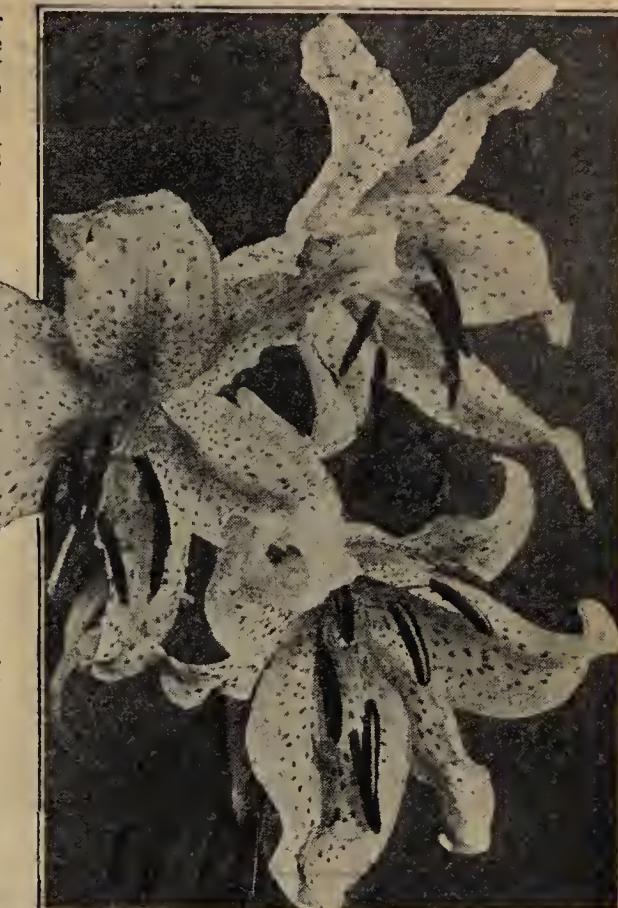
Height 4-6 ft. A rare and very handsome Lily from central China, which blooms in late August. The flower stalks carry 5-8 large blooms each, of a striking rich apricot-yellow, lightly spotted with brown. Set bulbs 10-12 inches deep. Each 35c, 3 for 95c, prepaid.

## DOUBLE TIGER LILY (TIGRINUM FLORE PLENO)

Height 5 ft. Handsome, showy Lilies of easy culture, producing an abundance of orange-scarlet flowers in August. Very hardy and vigorous. Each 20c, 3 for 50c, prepaid.

## TENUIFOLIUM (CORAL OR FERN-LEAVED LILY)

Height 2 ft. This charming Lily is a gem for the rock garden or border. The brilliant coral-red flowers are borne in clusters of 5-15 on slender stems. The foliage is finely cut and fern-like. Blooms in June. Set bulbs 7 inches deep. Each 20c, 3 for 50c, prepaid.



Hardy Auratum Lily.

## GOLDEN DAY LILY (HEMEROCALLIS)

Height 1 1/2-2 ft. Undoubtedly among the finest hardy plants for ordinary garden culture. The flowers are produced in June, in spikes of from six to a dozen blooms opening in succession. Color is a rich golden yellow. Each 20c, 3 for 50c, prepaid.

For Non-Hardy Lilies, see page 41.

## HARDY WATER LILIES FOR POOLS

We offer the less expensive varieties, most easily grown. Directions with each shipment. Shipments April 15 to June 15.

**ODORATO**, Hardy White. Native American Water Lily—a vigorous, prolific grower—flowers pure white. Best variety for experimenting. Order not less than three for best results. Prices: 45c each, 3 for \$1.00, 6 for \$1.75, prepaid.

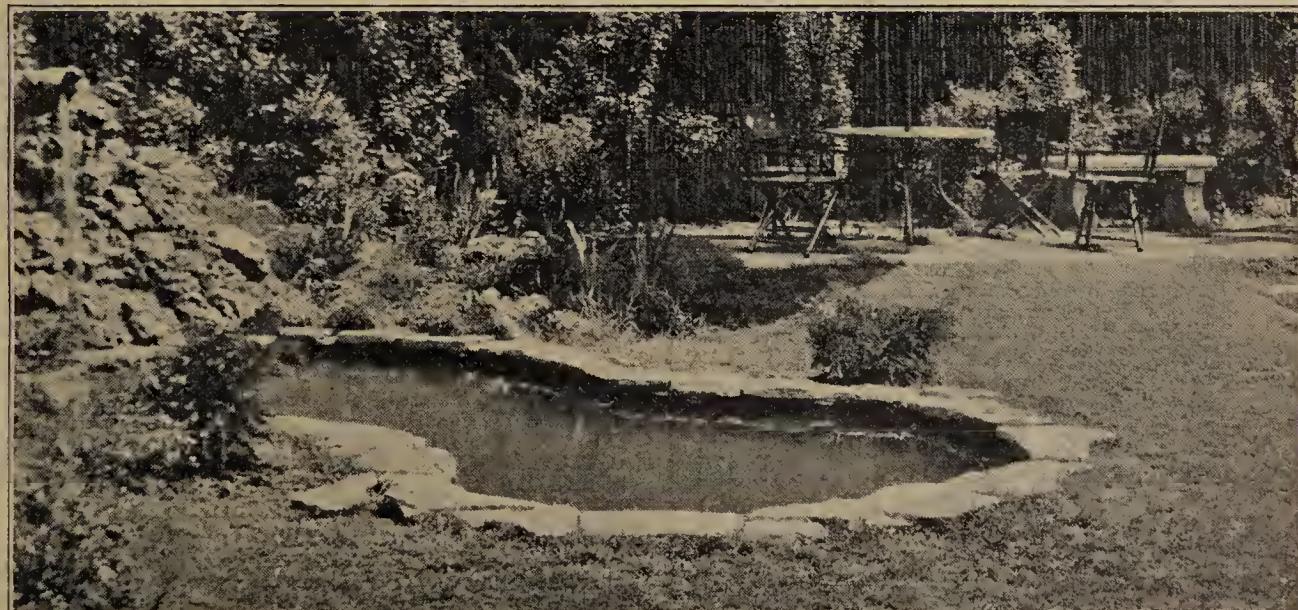
**MEXICANA**, Hardy Yellow. One of the most dependable varieties. Flowers are beautiful light yellow, size 3 to 4 inches; leaves are dark green. Prices: 45c each, 3 for \$1.00, prepaid.

**ROSE AREY**, Hardy Deep Pink. Pointed petals, a steady bloomer, large flowers. Prices: \$1.50 each, 2 for \$2.75, prepaid.

**HELEN FOWLER**, Hardy Deep Pink. Very beautiful. Prices: \$1.10 each, 2 for \$2.00, prepaid.

**WATER HYACINTH**. Tropical Water Plant. A necessary plant for pools. 3 for 50c, 6 for 75c, 12 for \$1.25, prepaid.

Our special circular, "How To Make a Rock Garden or Lily Pool," will be sent free upon request.



The Lily Pool Is the Most Interesting Spot in the Garden.

# THE NEWEST AND BEST IN FLOWER SEEDS

Our Flower Seeds are grown for us by leading American and European growers, and are true to name and color. Neither time nor expense is spared to provide the best new varieties, and to secure the finest strains available.

We are convinced that 90% of all failures with flower seeds is due to seed sown too deeply and to unfavorable weather conditions. If the weather is dry, tiny seedlings, if not protected and shaded, will quickly dry up; continuous cold rains, too, will result in the loss of tender plants.

These are conditions which neither the seedsman nor the gardener can control.

Brief cultural directions are printed on each packet of seed. A special leaflet, "HOW TO GROW ANNUALS AND PERENNIALS," will be sent free upon request.



Achillea—The Pearl.



A Border of Sweet Alyssum.



Brachycome—Swan River Daisy.

ALL FLOWER SEEDS  
ARE SENT POSTPAID  
IN U. S. A.

## ACHILLEA (*Perennial*)

1020 *Ptarmica*, The Pearl. 2 ft. Produces large clusters of double pure white flowers from spring until frost. Splendid for cutting. Easily grown from seed.....Pkt. 10c

## ACONITUM or Monkshood (*Perennial*)

1022 *Napellus*. 2-3 ft. Handsome plants with bold spikes of dark blue helmet-shaped flowers in July and August. The roots are poisonous and should not be planted near the vegetable garden. Very effective in the border.....Pkt. 10c

## ACROCLINIUM, Double Mixed (*Annual*)

1024 Everlasting. 20 in. Graceful, daisy-like flowers, which if cut just before they open, can be dried for winter bouquets..Pkt. 10c

## AGERATUM or Floss Flower (*Annual*)

Dwarf, compact-growing plants excellent for bedding, edging or pot plants. Bloom all summer from spring-sown seed.

1027 Blue Cap. 6 in. A new dwarf Ageratum with large flowers of a deep rich blue color. The foliage is small and plants have the appearance of miniature domes and make a perfect edging to flower borders.....Pkt. 15c

## ALYSSUM, SWEET (*Annual*)

Forms a dense carpet of beautiful flowers and is unexcelled for low edgings and borders. Bloom from June to frost.

1032 Little Gem. "Carpet of Snow." 6 in. A sheet of fragrant snow-white flowers all summer....Oz. 50c; 1/2 oz. 35c; pkt. 10c

1033 Lilac Queen. 6 in. Delicate lavender flowers. Forms a pleasing contrast with the white variety.....Oz. 60c; 1/2 oz. 40c; pkt. 10c

## ALYSSUM, Madwort (*Perennial*)

1034 *Saxatile Compactum*. 9 in. An excellent plant for the rockery or front of borders. Produces broad masses of bright yellow flowers in early spring. Also known as "Basket of Gold"....1/4 oz. 40c; pkt. 10c

## ANCHUSA "Blue Bird" (*Annual*)

1040 Height 18-24 in. Bears large umbels of vivid, indigo-blue, Forget-Me-Not-like flowers in a luxuriant bouquet on tall stems from July to October. Effective in the garden or for cutting.....Pkt. 15c

## AQUILEGIA or Columbine (*Perennial*)

1073 Height 2 ft. Splendid plants for partially shaded positions in the border or rockery. Foliage is graceful and fern-like; the dainty long-spurred flowers are produced in exquisite clear shades of blue, lavender, pink and yellow in spring.....Pkt. 15c

PLEASE ORDER BY  
NAME AND NUMBER.  
KEEP DUPLICATE COPY.

## ANTIRRHINUM or Snapdragon (*Annual*)

The new improved Giant Flowered Snapdragons are very popular, and are easily raised from seed. The large size and perfect form of the individual bloom, combined with the symmetry of the spike make it an ideal cut flower.

1046 Salmon Rose. (New.) A beautiful shade of salmon overlaid with begonia-rose .....Pkt. 15c  
1047 Canary Bird. Canary yellow with golden-yellow lip.....Pkt. 15c  
1048 The Rose. (New.) A lovely deep rose-pink.....Pkt. 15c  
1049 Apple Blossom. Delicate pink with white throat.....Pkt. 15c  
1050 Old Gold. An exquisite shade of rich old gold.....Pkt. 15c  
1051 Autumn Glow. (New.) Wonderful shade of old rose shaded terracotta orange .....Pkt. 15c  
1052 Orchid. A delicate shade of orchid-lavender.....Pkt. 15c  
1053 Cardinal. Dazzling scarlet .....Pkt. 15c

**Special Offers** { Your choice of any 3 pkts. above named varieties for 35c  
{ Your choice of any 5 pkts. above named varieties for 55c  
{ One pkt. each of 8 varieties as listed above for....80c

1054 Giant Mixed Snapdragons .....1/4 oz. 50c; pkt. 10c  
1060 Half Dwarf Snapdragons .....1/4 oz. 50c; pkt. 10c

## ARCTOTIS GRANDIS (*Annual*)

1074 Height 2-3 ft. Large, pearly-white flowers, with reverse of petals a pale lilac. Center light blue, surrounded with a gold band. One of the best flowers for cutting.....Pkt. 10c

**BABY'S BREATH, see Gypsophila,  
page 48**

**BACHELOR'S BUTTON, see Centaurea,  
page 46**

## BALLOON VINE (*Annual Climber*)

1200 Height 10-15 ft. Graceful climber with pale green foliage and small white flowers followed by ornamental seed pods resembling small balloons....Oz. 25c; pkt. 5c

## BALSAM, DOUBLE MIXED (*Annual*)

1205 Height 18-24 in. Sturdy bushy plants with large double flowers clustered in the axils of the leaves. Colors: red, rose, pink and white. Prefer rich soil and sunny position.....Pkt. 10c

## BELLIS, English Daisy (*Perennial*)

1358 Height 6-8 in. Compact plants, with leaves forming a rosette; the daisy-like flowers of rose and white are borne on stiff stems. Bloom all summer.....Pkt. 10c

## BRACHYCOME (*Annual*)

1213 Height 8 in. Compact plants with deeply cut foliage and dainty flowers. Suitable for edging and pot culture. Bloom all summer. Mixed colors.....Pkt. 10c

1935

## ALL-AMERICA WINNERS

CALENDULA, ORANGE SHAGGY.....page 46  
COSMOS, ORANGE FLARE.....page 47  
NASTURTIUM, SCARLET GLEAM.....page 50  
ZINNIA, FANTASY .....page 54

### Outstanding Novelties

ASTERS, AURORA GOLDEN SHEAF,  
SUPER GIANT LOS ANGELES.....page 45  
CATHEDRAL BELL VINE.....page 47  
GAILLARDIA, BURGUNDY.....page 48  
NASTURTIUM, GLORIOUS GLEAM  
HYBRIDS .....page 50  
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NEW SWEET PEA INTRODUC-  
TIONS .....page 53  
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## ASTERS (Annual)

### HOW TO GROW

Asters prefer an open sunny position, good soil, deeply spaded and well enriched with bone meal or other fertilizer, and an addition of air-slaked lime. They should not be grown on the same ground two years in succession, as this invites disease.

### AMERICAN BEAUTY (Late)

This beautiful strain is rapidly superseding American Branching for general use. Plants are of the non-lateral branching type, grow 2-3 ft. tall, and produce enormous flowers on long, strong stems. Bloom from August to frost. Superb for cutting.

1100 Carmine Rose...  $\frac{1}{2}$  oz. 35c; pkt. 10c  
 1101 September Beauty, flesh pink  $\frac{1}{2}$  oz. 35c; pkt. 10c  
 1102 Azure Fairy, clear lavender-blue  $\frac{1}{2}$  oz. 35c; pkt. 10c  
 1103 Giant White Beauty  $\frac{1}{2}$  oz. 35c; pkt. 10c

### KING (Midseason)

An American type of distinctive beauty. Flowers are large and full with long, narrow petals, beautifully quilled. The plants are of strong upright growth, attaining a height of 18-24 inches. King Asters are famous for their great substance and wonderful keeping qualities.

1116 Rose King, wilt resistant... Pkt. 15c  
 1119 Mixed Colors, wilt resistant... Pkt. 15c

### EARLY ROYAL (Early Midseason)

These come into bloom directly after the Early Wonder. The flowers are large and very double, with broad incurved petals; stems are long and upright, branching from the base of the plants. Height of plants, 2 feet.

1125 Royal Rose, wilt resistant... Pkt. 15c  
 1127 Royal Lavender, wilt resistant... Pkt. 15c  
 1128 Royal Purple, wilt resistant... Pkt. 15c  
 1130 Royal Mixed, wilt resistant... Pkt. 15c

### EARLY WONDER or EXPRESS COMET (Extra Early)

The best extra early variety. Flowers are double and well-formed, 3 1/2 inches across, of splendid substance, on long, erect stems. Plants grow 16-18 inches high and bloom profusely.

1135 Mixed Colors...  $\frac{1}{2}$  oz. 30c; pkt. 10c

### GIANT MAMMOTH PEONY FLOWERED (Midseason)

A superb new strain, with immense double flowers of perfect form, borne on long stout stems characteristic of the true Peony flowered type. Wonderful for cut flowers, and a splendid keeper and shipper. Plants grow 2 1/2-3 feet tall, and bloom from July until frost.

1140 Finest Mixed Colors... Pkt. 20c

### HARDY ASTER or Michaelmas Daisy (Perennial)

1145 Height 2-3 ft. Splendid for permanent position in the hardy border, where their masses of brightly colored, dainty blossoms liven up the garden in late autumn. The colors are shades of blue, pink and white. Plants form large, bushy clumps which should be divided and reset every 3 years... Pkt. 15c

### GIANT COMET or Ostrich Feather (Midseason)

The finest and largest of all Comet type asters. The massive chrysanthemum-like flowers are borne on stems 12-18 inches in length. The petals are charmingly curled and interlaced, giving a light feathery effect. The plants of luxuriant branching growth, attain a height of 2 1/2 feet. Should be grown in every garden where quality is appreciated.

1146 Finest Mixed Colors, wilt resistant... Pkt. 10c



Aurora Aster.

### WILT RESISTANT ASTERS

Wilt disease is caused by a parasitic fungus, which when once introduced into the soil persists indefinitely and attacks the plants at any stage of growth. Only through the use of wilt resistant strains is it possible to grow asters more than one year in the same soil.

Wilt resistant asters can be grown in any soil, whether infected with the wilt fungus or free from infection. We offer the following wilt resistant strains:

KING.

EARLY ROYAL.

GIANT COMET OR OSTRICH FEATHER. AURORA, GOLDEN SHEAF.

#### Long Season Collection

1 pkt. Early Wonder.  
 1 pkt. Giant Comet.  
 1 pkt. American Beauty.

{ 25c

#### Gold Medal Collection

One pkt. each

Giant Mammoth Peony Flowered.  
 Super Giant Los Angeles.....  
 Giant California Sunshine.....

{ 45c

For Aster Plants,  
 see page 25.



American Beauty Asters.

### SUPER GIANT LOS ANGELES (All American Selections 1934)

1148 The largest, finest and most fully double aster yet developed. The flowers are 6-8 inches across with feather interlacing petals. Color, a lovely soft shell pink, blending to creamy pink at center. Plants grow 2 1/2-3 feet tall... Pkt. 20c

### AURORA ASTERS

The delicate beauty and coloring of these asters is hard to describe. The flowers are fully double, with an attractive crest-like center of good substance and fine depth of petal. Height of plant about 2 feet, with upright stems. The flowers last well when cut.

1150 Azure Blue. A lovely blue with yellow quill center... Pkt. 15c  
 1151 Golden Sheaf, wilt resistant. Beautiful deep yellow... Pkt. 20c

### GIANT CALIFORNIA SUNSHINE ASTERS (Midseason)

The most beautiful and artistic of all asters. The flowers have cushion centers of light yellow tubular petals, surrounded by broad guard petals of pink, rose, blue or lavender, producing a wonderful color contrast, and presenting an airy, lace-like effect. Individual blooms are 5-6 inches in diameter, and are borne on long, stiff stems exceptionally fine for cutting. Plants grow 2 1/2-3 feet high.

1169 Finest Mixed Colors...  $\frac{1}{2}$  oz. 35c; pkt. 15c

### SURPRISE ASTER "SALMONGOLD"

1170 An aster of surpassing loveliness. The flowers open a pure salmon-yellow, changing to salmon-pink as they develop. They are from 3-4 inches in diameter, round and double to the very center. The plants branch freely, and carry an abundance of fine blooms on long stems... Pkt. 20c

### HEART OF FRANCE

1175 Conceded to be the finest red aster. Its remarkable color of rich glowing red, deepens with age. The flowers are of good size, very full and double, and are borne on long stiff stems. Plants are of strong branching habit, 1 1/2-2 feet tall... Pkt. 15c

Paper Pots and Plant Bands guard young plants against cutworms. See page 26 for description and prices.



Giant Comet or Ostrich Feather Aster.

# FARMER SEED & NURSERY CO., FARIBAULT, MINN.

## CALENDULA or Pot Marigold (*Annual*)

Produce a fine effect in beds or mixed borders where they continue in bloom from early summer to frost. The plants are bushy and grow 1-2 feet high. They are easily raised from seed.

1214 Sunshine. Clear golden yellow, with long center petals curling inward; resembles a Chrysanthemum. Pkt. 10c  
 1215 Orange Shaggy. The most graceful and unique Calendula ever introduced, and a 1935 Gold Medal winner. The long, deeply fringed petals are built up in irregular fashion giving the flowers a shaggy, Chrysanthemum-like appearance. Color, deep orange shading to lighter orange at center. Pkt. 25c  
 1216 Golden Radio. Deep brilliant orange, with beautifully quilled petals. Large flowers on long stout stems. Pkt. 15c  
 1217 Campfire or Sensation. Bright glowing orange, with a distinct crimson or scarlet sheen; an outstanding color combination. The best forcing Calendula. Pkt. 15c  
 1218 Nankeen. Cream, flushed apricot. Very attractive. 1/2 oz. 20c; pkt. 5c  
 1219 Finest Double Mixed. All Colors. 1/2 oz. 20c; pkt. 5c

**CALIFORNIA POPPY**, see *Eschscholtzia*, page 47

## CALLIOPSIS, Golden Wave (*Annual*)

1222 Height 2-3 ft. Plants are much branched and produce an abundance of showy flowers in various shades of crimson, orange and gold, all summer. 1/4 oz. 30c; pkt. 10c

## CAMPANULA, Canterbury Bells (*Annual*)

1224 Height, 2-2 1/2 ft. A new annual Canterbury Bell which blooms from seed in less than six months. Seed started in February will bloom in July. Plants bear from 6-8 flower spikes. The mixture includes dark blue, light blue, pink, rose and white. Pkt. 15c

## CAMPANULA, Canterbury Bells (*Biennial*)

Plants form perfect pyramids about 2 feet high, and produce beautiful bell-shaped flowers on long upright stems. Bloom in early summer.  
 1225 Single Canterbury Bells. Mixed colors, rose, blue and white. Pkt. 10c  
 1226 Double Canterbury Bells. Mixed colors, pink, blue and white. Pkt. 10c  
 1232 Cup and Saucer Canterbury Bells. Its very large calyx is the same color as the corolla, giving the flower the appearance of a cup and saucer. Mixed colors. Pkt. 10c

## CANARY BIRD VINE (*Annual Climber*)

1235 Height 15-20 ft. Dainty cut foliage and curious bird-like blossoms of a clear canary yellow. Grows rapidly and is splendid for covering stumps, trellises or fences. 1/2 oz. 25c; pkt. 10c



Calendula Campfire or Sensation.



New Prize Winning Calendula Orange Shaggy.

## CANDYTUFT (*Annual*)

Dwarf plants admirably adapted to beds, edging, pots and borders. Will thrive anywhere, and blooms profusely throughout the summer. Fine for cutting.

1240 Giant Hyacinth-Flowered. 1 ft. Enormous spikes of snow-white flowers. 1/4 oz. 25c; pkt. 10c  
 1242 Finest Mixed. Crimson, flesh, lilac, rose and white. 1/4 oz. 15c; pkt. 10c

## CANDYTUFT, IBERIS (*Perennial*)

1243 Sempervirens. 1 ft. Dwarf evergreen plants covered with white flowers in spring and early summer. Fine for borders and the rock garden. 1/8 oz. 60c; pkt. 15c

## CARDINAL CLIMBER (*Annual*)

1448 Height 20 ft. A strong rapid-growing climber with fine fern-like foliage and clusters of bright red flowers from midsummer to frost. Very showy and attractive. Pkt. 10c

## CARNATION, Giant Flowering (*Annual*)

Bloom profusely in summer and fall from seed sown in early spring. The large double flowers are borne on long stiff stems, and have a delicious spicy fragrance. Plants may be taken up in the fall and potted for indoor winter blooming.

1251 Double Red Carnation. Very large flowers of rich glowing crimson. 1/8 oz. 75c; pkt. 15c  
 1252 Giant Marguerite Mixed. Colors: pink, red, striped and white. 1/8 oz. 35c; pkt. 10c

## CASTOR BEAN, see *Ricinus*, page 52

## CELOSIA or Cockscomb (*Annual*)

1255 Cristata. Height 12-18 in. Produces large ornamental flower-heads frilled and corrugated like a cock's comb. Mixed colors. Pkt. 8c

1256 Chilensis, (Chinese Wool Flower). Height 3 ft. Large globular flower-heads, resembling balls of wool chenille, of a rich bright red color. Bloom from early summer to frost. Pkt. 10c

1258 Plumosa. Height 3 1/2 ft. Forms pyramidal branching plants with large feathery flower-heads, ranging from orange to deep crimson. Mixed colors. Pkt. 8c



Chrysanthemum, Shasta Daisy.

## CENTAUREA Cyanus (*Annual*)

Bachelor's Button or Cornflower. 2 ft. Of easy culture, showy in the garden and splendid for cutting. If the seed is sown broadcast together with the seed of annual poppies, they will bloom at the same time producing a beautiful color effect.

1264 Double Mauve. 1268 Double Blue.  
 1266 Double Rose. 1269 Double Mixed. Each of the above. 1/2 oz. 30c; pkt. 10c  
 1278 Sweet Sultan. (*Imperialis*). 2-3 ft. Handsome artistic flowers, resembling the blossoms of thistles, delightfully fragrant, fluffy and double; on long smooth stems, fine for cutting. Mixed colors. Pkt. 10c  
 1280 Dusty Miller. 1 ft. Compact plants with finely cut silver-gray foliage. Extensively used for beds and edgings. Pkt. 10c

## CHRYSANthemum (*Annual*)

1285 Height 20 in. Produce long, stiff-stemmed, daisy-like flowers in attractive color combinations of yellow, brown, red, white and rose. Bloom abundantly during the summer and are fine for cutting. 1/2 oz. 25c; pkt. 10c

## CHRYSANthemum, Shasta Daisy (*Perennial*)

1290 Height 2 ft. June-Aug. Bears large white flowers on long stems; invaluable for cutting. Very free flowering. Pkt. 10c

## CHINESELANTERN, see *Physalis*, page 51

## CHRISTMAS CHERRY, see *Solanum*, page 52

## CLARKIA (*Annual*)

Plants send up a mass of slender upright branches, that reach a height of about two feet. Each branch is covered for almost its entire length with buds and flowers, and resembles a spray of Flowering Almond. Sprays cut before buds open will last until all of the flowers have developed. Few flowers are more satisfactory for table decorations.

1299 Enchantress. A beautiful new shade of soft salmon-rose, very double. Flowers in six weeks from sowing. Pkt. 15c  
 1300 Finest Mixed. Colors range from white, pink, deep rose and red to purple. 1/4 oz. 50c; pkt. 10c

## CLEOME, Spider Flower (*Annual*)

1302 Height 3-4 ft. Striking plants with large interesting flowers of vivid rose, with long thread-like stamens extending out beyond the petals. Thrive in sandy soil and sunny position. Pkt. 10c



Campanula, Canterbury Bells.

# THE FINEST GEMS IN FLOWERLAND

## COBAEA SCANDENS or Cathedral Bells

### (Annual Climber)

1303 Height 15-20 ft. A rapid-growing, handsome climber with beautiful bell-shaped flowers  $1\frac{1}{2}$  inches across and 2 inches long. Flowers open a clear green, gradually changing to deep violet blue. Particularly desirable for covering arbors, walls, etc. .... Pkt. 10c

## COLEUS (Tender Perennial)

1305 Height 12-18 in. Handsome foliage plants valuable for bedding, borders and window boxes. The leaves are very large and of various shapes, they are marked and bordered in brilliant color combinations. Finest mixed. .... Pkt. 10c

## COLUMBINE, see Aquilegia, page 44

## COREOPSIS (Perennial)

Height 2 ft. Large orange-yellow flowers on long graceful stems. Bloom profusely during the summer and fall, affording a constant supply of cut flowers.

1308 Mayfield Giant. Tall vigorous plants with long stiff stems and very large flowers of rich golden yellow. .... Pkt. 15c

1309 Double Flowering. This new form is very popular, the extra petalage adding a further charm to the immense bright yellow flowers. .... Pkt. 15c

## COSMOS (Annual)

Plants form fine symmetrical bushes of feathery green foliage covered with lovely long-stemmed flowers from July until frost.

1310 Early Flowering Mammoth Mixed. 4-6 ft. Contains soft shades of crimson, rose, pink and lavender. .... Pkt. 10c

1312 Early Klondyke Orange Flare. 2-3 ft. This is the Grand Champion or First Gold Medal winner of the 1935 All-America Selections. It is an early flowering strain, blooming in less than 4 months from seed. Flowers are a deep brilliant orange with handsome light green foliage. Orange Flare is the most popular novelty on the market today. .... Pkt. 25c

1314 Double Early Flowering Mixed. 3-4 ft. Combines the beauty of the double-crested with the earliness of the single type. Colors are shades of crimson, pink and white. .... Pkt. 15c



Digitalis—Foxglove.

## DIDISCUS, Blue Lace Flower (Annual)

1354 Height 2-3 ft. Clusters of lovely umbrella-shaped flowers, 2 to 3 inches across are produced from July to frost. The color is an exquisite shade of clear lavender-blue. A very desirable cut flower. ....  $\frac{1}{8}$  oz. 25c; pkt. 10c

## DIGITALIS or Foxglove (Perennial)

1355 Height 3-5 ft. June-July. Showy plants producing many tall spikes closely set with large Gloxinia-like flowers of white, pink, rose and crimson, with beautiful throat markings of purple or maroon. Mixed colors. .... Pkt. 10c

## DIMORPHOTHECA (Annual)

1356 Golden African Daisy. 1 ft. Showy annual of neat branching habit with large daisy-like flowers of brilliant orange with dark-colored disks. Thrive best in a sunny position, where they will bloom all summer. .... Pkt. 10c

## DOLICHOS or HYACINTH BEAN, (Annual Climber)

1357 Height 10 ft. Large dark green leaves and erect racemes of purple and white flowers, followed by ornamental seed pods of a shining bronze-purple color. Grows rapidly. .... Oz. 25c; pkt. 10c

## ENGLISH DAISY, see Bellis, page 44



Eschscholtzia—California Poppy.

## ESCHSCHOLTZIA, California Poppy (Annual)

The plants are of low spreading growth with finely cut foliage, and produce bright poppy-like flowers from early summer until frost. Attractive for bedding and edging.

1361 Californica. Rich orange; the true California poppy. ....  $\frac{1}{2}$  oz. 35c; pkt. 5c

1368 Hybrid Mixed. Colors include pink, red, yellow and white. ....  $\frac{1}{2}$  oz. 35c; pkt. 5c



Double Coreopsis

## CYNOGLOSSUM or Chinese Forget-Me-Not (Annual)

1318 Amabile. 18-24 in. Of easy culture, producing large sprays of bright blue Forget-me-not-like flowers all summer. Splendid for mixing with other flowers. .... Pkt. 15c

## CYPRESS VINE (Annual Climber)

1450 Height 10-15 ft. A good vine for training on a light ornamental trellis. Bears a profusion of star-shaped scarlet and white blossoms from midsummer to frost. Fine fern-like foliage. ....  $\frac{1}{2}$  oz. 20c; pkt. 5c

## DATURA, Angel's Trumpet (Annual)

1325 Cornucopia. 2-3 ft. Large strong-growing plants with immense trumpet-shaped, fragrant flowers of creamy white with violet markings. Blooms from early summer to fall. .... Pkt. 5c

## DELPHINIUM or Hardy Larkspur (Perennial)

Tall stately perennials unequalled for massing in the hardy garden or among shrubbery. The plants are of strong healthy habit with handsomely cut foliage and produce immense spikes of beautiful flowers in June and again in September.

1334 Belladonna. Exquisite shade of clear turquoise blue. .... Pkt. 15c

1333 Bellamomum. Intensely rich, deep blue flowers. .... Pkt. 20c

1332 Lemon Gem. Color, a beautiful clear yellow. .... Pkt. 20c

1335 Gold Medal Hybrids. Flowers range in color from pale lavender to deep blue, with many of them double flowered. .... Pkt. 15c

1336 Wrexham Hollyhock Flowered Strain. Produces spikes of enormous size, with individual blooms from  $1\frac{1}{2}$  to 2 inches in diameter, many of them bicolor. .... Pkt. 25c

## DIANTHUS or China Pinks (Annual)

Easily raised from seed, they bloom abundantly and continuously from early summer until frost.

1340 Sweet Wivelsfield. This new variety is the result of a cross between Dianthus Allwoodii and Dianthus Barbatus. It is very free flowering and a splendid border and cut flower. The blooms are not unlike the Sweet William, though they are much larger, with beautiful brilliant colorings and markings. .... Pkt. 10c

1341 Finest Double Mixed. 1 ft. Brilliant colors, many striped and mottled. ....  $\frac{1}{4}$  oz. 25c; pkt. 10c

1348 Lacinatus. 1 ft. Very large fringed flowers ranging from white to deep crimson. Mixed colors. ....  $\frac{1}{4}$  oz. 25c; pkt. 10c

## DIANTHUS or Grass Pinks (Perennial)

1351 Plumarius. 1 ft. Charming old-fashioned flowers cherished for their spicy fragrance and rich coloring. Fine for rock gardens and edgings. ....  $\frac{1}{4}$  oz. 25c; pkt. 10c

## DIANTHUS BARBATU, see Sweet William, page 53



Delphinium—Hardy Larkspur.

**EUPHORBIA "Snow on the Mountain" (Annual)**

1370 Height 2 ft. Ornamental foliage plants of bush-like form and branching habit, with clusters of inconspicuous flowers. Light green leaves broadly marginated with white....Pkt. 10c

**FEVERFEW, see Matricaria, page 50.**

**FORGET-ME-NOT, see Myosotis, page 50.**

**FOUR O'CLOCKS, see Marvel of Peru, page 49.**

**FOXGLOVE, see Digitalis, page 47.**

**GAILLARDIA or Blanket Flower (Annual)**

1380 Perfection Double Mixed. 1-2 ft. Showy annuals remarkable for the profusion, size and brilliance of their flowers. They bloom continuously from early summer until frost. Excellent for beds, borders and cutting. Sow where they are to bloom..... $\frac{1}{2}$  oz. 25c; pkt. 10c

**GAILLARDIA GRANDIFLORA (Perennial)**

One of the few perennials that flower continuously from June to October. They thrive in any position or soil and are perfectly hardy. Invaluable for cutting.

1381 The Dazzler. 2 ft. Large golden-yellow flowers with rich maroon centers.....Pkt. 15c

1382 Burgundy. 2 ft. Shining wine-red flowers, 2 $\frac{1}{2}$  in. in diameter on long, stiff stems.....Pkt. 20c

**GERANIUM (Tender Perennial)**

1384 Of easy culture, producing blooming plants the first summer from spring-sown seed. Valuable for bedding, borders, window boxes and house culture. Mixed colors.....Pkt. 10c

**GEUM (Perennial)**

1386 Mrs. Bradshaw. 2 ft. Dwarf tufted plants from which rise tall, graceful stems bearing large double flowers of a striking orange-scarlet. If the old stems are kept cut back, they will bloom throughout the summer.....Pkt. 20c

**GILIA, Blue Thimble Flower (Annual)**

1383 Capitata. 2 ft. Erect, bushy plants with fine feathery foliage and globe-shaped flowers of a rich lavender-blue. Good for cutting, as the blooms last well in water..... $\frac{1}{4}$  oz. 25c; pkt. 10c

**GODETIA or Satin Flower (Annual)**

1388 Height 1 ft. Plants bloom profusely, bearing large trumpet-shaped flowers of exquisite rose-pink. They thrive best in rather poor soil and a sunny position..... $\frac{1}{4}$  oz. 25c; pkt. 10c

**GOMPHRENA, Globe Amaranth (Annual)**

1390 Height 18-24 in. Bushy plants with clover-like blossoms of purple-red, yellow, rose and white. Very attractive in winter bouquets. They should be cut before they are fully open. Mixed colors...Pkt. 10c



Hollyhock, Double Imperator Improved.

Flowers for Winter Bouquets should be cut just before they are fully open and hung heads downward in small bunches in a well ventilated, dry, shady place. Flowers suitable for drying are Acroclinium, Gilia, Gomphrena, Gypsophila, Helichrysum, Liatris, Lunaria, Physalis and Statice.

**GORDS, ORNAMENTAL (Annual Climber)**

1403 Height 15-20 ft. Useful for covering arbors, fences, etc. The fruits are oddly shaped and beautifully marked and make interesting toys for children. Mixed varieties... $\frac{1}{2}$  oz. 20c; pkt. 5c

**GRASSES, ORNAMENTAL (Annual)**

1395 Ornamental Mixed. 2-5 ft. Useful for winter bouquets when combined with Everlasting flowers. Easily grown in any soil.....Pkt. 10c

1396 Coix Lachrymae. (Job's Tears.) Broad glistening leaves. The seeds are hard and shiny and can be strung and used as beads.....Pkt. 5c

**GYPSOPHILA or Baby's Breath (Perennial)**

1410 Pacifica. New rose-pink form, coming into bloom after the paniculata variety has passed..Pkt. 25c

1415 Paniculata. 2-3 ft. Plants are branched and spreading with stiff, wiry stems and minute white flowers, producing a graceful misty effect. Used extensively with cut flowers as well as for winter bouquets ..... $\frac{1}{4}$  oz. 25c; pkt. 10c

**GYPSOPHILA (Annual)**

Graceful branching plants with clusters of delicate flowers about one-half inch across. Beautiful in bouquets with other flowers.

1416 Elegans Grandiflora Alba. 1-2 ft. Large-flowering pure white..... $\frac{1}{2}$  oz. 20c; pkt. 5c

1417 Elegans Grandiflora Rosea. 1-2 ft. Beautiful soft pink ..... $\frac{1}{2}$  oz. 20c; pkt. 5c



Helichrysum—Strawflowers.

**HELICHRYSUM, Everlasting or Strawflower (Annual)**

1425 Height 2-3 ft. Large double flowers, 1-1 $\frac{1}{2}$  in. across, are produced all summer. Colors range from yellow, orange, red and rose to white. Splendid for winter bouquets..... $\frac{1}{4}$  oz. 25c; pkt. 10c

**HELIOPSIS, Orange Sunflower (Perennial)**

1428 Pitcheriana. 3-4 ft. Large golden yellow flowers, 2 in. across, are produced on long stiff stems. Brilliant in the garden and fine for cutting. Blooms all summer. ....Pkt. 10c

**HEUCHERA or Coralbells (Perennial)**

1430 Sanguinea. 18-24 in. July-Aug. The plants form tufts of lobed leaves, from which rise tall, slender stems bearing dainty, bell-shaped flowers of coral-red. Beautiful in the border and for cutting, and a splendid plant for the rock garden.....Pkt. 15c

**HOLLYHOCKS, Althea Rosea (Perennial)**

Stately ornamental plants 6 to 8 feet high, indispensable for the background of perennial borders, and charming when grouped together in bold masses. Bloom in July and August.

1434 Double Imperator Improved. (New.) A wonderful new type, with large fringed flowers 6 inches across, the center forming a double rosette. Colors range from delicate pink through cerise-salmon.....Pkt. 20c

1437 Double Mixed. Colors: yellow, salmon, rose, red and maroon..... $\frac{1}{4}$  oz. 50c; pkt. 10c

1440 Annual Everblooming. 3-5 ft. Valuable for sowing where hardy Hollyhocks have failed to survive. Start seed indoors, set plants out in May, and they will commence blooming in July. Mixed colors..... $\frac{1}{4}$  oz. 35c; pkt. 10c

**HUNNEMANNIA or Tulip Poppy (Annual)**

1444 Semi-Double Sunlight. Height 18 in. July to September. Flowers are a beautiful clear canary-yellow color, about 3 in. across. Unlike other double flowers, this novelty develops a band of short petals on the outside of the cup, which adds to its size and attractiveness.....Pkt. 20c

**IBERIS, see Candytuft, page 46.**



Euphorbia—Snow on the Mountain.



Gaillardia and Gypsophila (Baby's Breath).

## NEW FLOWERS TO GLADDEN THE HEART

### ICE PLANT (Annual)

1446 *Mesembryanthemum Crystallinum*. Height 6 in. A curious trailing plant, with thick succulent leaves which are covered with glistening ice-like globules. The flowers are pinkish-white. Very popular for rock gardens and dry sunny borders..... $\frac{1}{4}$  oz. 15c; pkt. 5c

### KOCHIA, Summer Cypress (Annual)

1465 Height 2-2 $\frac{1}{2}$  ft. Plants are erect, much-branched and densely pyramidal resembling small closely-sheared evergreens. Foliage is feathery soft bright green, turning to red in fall..... $\frac{1}{4}$  oz. 25c; pkt. 10c

### LARKSPUR, Tall Branching (Annual)

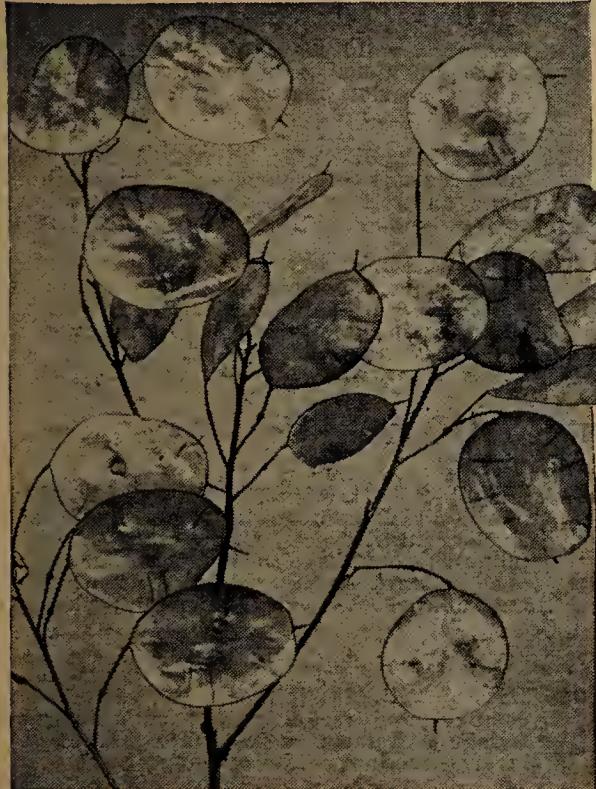
Bloom quickly from seed sown in the spring, and their graceful flower-spikes furnish the finest cut flowers from early summer to frost. They thrive best in a sunny position.

1470 Double Ageratum Blue. 1473 Double Pink.  
1471 Double Dark Blue. 1474 Double White.  
1472 Double Rose. 1475 Double Mixed.

Each of the above..... $\frac{1}{2}$  oz. 25c; pkt. 10c  
Collection of 1 pkt. each above 5 separate colors, 40c

1476 Los Angeles. Color: rich salmon, overlaid with brilliant rose. Very large and double. ....Pkt. 15c

Perennial Larkspur, see Delphinium, page 47.



Lunaria—Honesty.

### LATHYRUS, Everlasting Pea (Perennial Climber)

1480 *Latifolius*. 6-8 ft. A decorative vine for growing on a trellis or fence. The flowers are borne in large clusters all summer, and are splendid for cutting. Mixed colors: rose, white and crimson. Once established, the roots should not be disturbed.....Pkt. 10c

### LEPTOSIPHON (Annual)

1485 French Hybrids. 8-12 in. A charming annual for borders and beds. When planted in masses they form a sheet of trumpet-shaped flowers, ranging from yellow to rose and ivory. Bloom all summer.....Pkt. 10c

### LIATRIS, Gay Feather or Blazing Star (Perennial)

1481 *Pycnostachya*. 4 ft. Thick grass-like foliage and long narrow spikes of rich purple flowers from July to September. Much in demand for cutting purposes as the flowers last long in water. They may also be dried and used in winter bouquets.....Pkt. 15c

### LINARIA MAROCCANA (Annual)

1486 Height 12-18 in. Flowers are small and dainty, resembling miniature snapdragons. The colors range through crimson and gold, pink, mauve, blue and rose. Bloom in about 8 weeks from seed and are excellent for cutting .....Pkt. 15c

### LUNARIA or Honesty (Biennial)

1487 Height 2 ft. Has purple flowers followed by shiny silvery seed pods. It is called "Honesty", because the seeds can be seen through the pods. Very attractive in winter bouquets combined with Physalis and other Everlastings.....Pkt. 10c

### LOBELIA, Crystal Palace (Annual)

1489 Height 6 in. Plants form compact little bushes covered with brilliant, deep blue flowers throughout the summer. Desirable for edgings, bedding and pot culture. .... $\frac{1}{8}$  oz. 50c; pkt. 10c

### LUPINS, Hartwegi (Annual)

1493 Height 2 ft. Plants are of robust branching habit with deeply cut dark foliage, and tall graceful spikes of pea-shaped flowers in delicate shades of blue, lavender, pink and white. Fine for cutting. If cut as they mature the plants will continue to bloom. .... $\frac{1}{2}$  oz. 25c; pkt. 10c



Kochia—Summer Cypress.

### LUPINS, Polyphyllus (Perennial)

1494 Height 3-4 ft. May be classed among the most beautiful of all hardy flowers. The plants form tufts of deeply cut dark green foliage, from which arise the stately spikes of bloom in delicate shades of blue, mauve, pink and yellow.....Pkt. 10c

### LYCHNIS, Chalcedonica (Perennial)

1495 Jerusalem Cross. Height 2-3 ft. One of the brightest plants for the hardy border. Bears large heads of brilliant scarlet flowers, each blossom forming a Maltese cross. Blooms in spring.....Pkt. 10c

### MARIGOLD, Tagetes (Annual)

Of easy culture and exceedingly free flowering, Marigolds provide a wealth of color from early summer until frost. The African varieties are tall, and have uniformly, large, yellow or orange-colored flowers, while the French are dwarf in growth with beautifully striped and spotted flowers.

#### Double African Marigolds

1499 *Guinea Gold*. A distinct new type of graceful pyramidal habit. Plants grow 2-2 $\frac{1}{2}$  ft. high, and are literally covered with blossoms. The flower is a brilliant orange color; semi-double and loosely ruffled. Its excellent keeping qualities and beautiful golden color make it ideal for cutting. The characteristic Marigold odor is much less pungent in this new sort. .... $\frac{1}{8}$  oz. 20c; pkt. 10c

1500 *Lemon Queen*. 30 in. Large double-quilled flowers of lemon yellow. .... $\frac{1}{8}$  oz. 30c; pkt. 10c

1501 *Prince of Orange*. 30 in. Immense double-quilled flowers with ends of petals slightly frilled. Color is a deep golden orange. .... $\frac{1}{8}$  oz. 30c; pkt. 10c

1502 *Finest Mixed Varieties*. All shades from pale yellow to deep orange. .... $\frac{1}{4}$  oz. 20c; pkt. 5c

#### French Marigolds

1505 *Dwarf Double Monarch Mixed*. A very compact type with large double flowers comprising a wide range of colors, in combinations of orange, bronze, yellow and mahogany. Splendid for borders and edging. .... $\frac{1}{4}$  oz. 20c; pkt. 5c



Lathyrus—Perennial Pea.



Lupins.



African Marigold, Prince of Orange.

**MARVEL OF PERU or Four O'Clock  
(Annual)**

1528 Height 2-3 ft. Erect, bushy plants with dense glossy foliage and hundreds of long-tubed, funnel-shaped flowers of white, yellow, crimson or striped. They remain closed until 4 o'clock in the afternoon when the plants become a glowing mass of color. .... Oz. 25c; pkt. 5c

**MATRICARIA, Feverfew (Tender Perennial)**

1512 Capensis. 18-24 in. Plants are bushy in growth, with finely cut leaves and clusters of small, tightly double, white flowers. Excellent for pot plants, bedding and cutting. .... Pkt. 10c

**MATTHIOLA, see Stock, page 52**

**MIGNONETTE, Reseda Odorata (Annual)**

1516 Machet. 12-15 in. Immense compact spikes of blossoms with a delicate fragrant odor are produced throughout the summer and until late in the fall. Fine for cutting. ....  $\frac{1}{4}$  oz. 25c; pkt. 10c

**MORNING GLORY, Ipomoea  
(Annual Climber)**

Beautiful vines of luxuriant growth, covered with large, variously colored flowers all summer. Splendid for covering trellises, arbors and porches.

1454 Moonflower. Immense pure white fragrant flowers that open at night and on cloudy days. ....  $\frac{1}{2}$  oz. 25c; pkt. 10c

1455 New Heavenly-Blue. Vines are a mass of lovely sky-blue flowers, 2  $\frac{1}{2}$ -3 inches across, from early summer to frost. .... Pkt. 15c

1456 Giant Japanese. Flowers are ruffled and fluted from throat to margin. Colors: red, rose, garnet, blue, purple, etc. ....  $\frac{1}{2}$  oz. 20c; pkt. 5c

1458 Tall Purple. The old variety with purple flowers. ....  $\frac{1}{2}$  oz. 20c; pkt. 5c

1460 Brazilian Morning Glory. Satiny rose-pink flowers of delicate texture. ....  $\frac{1}{2}$  oz. 25c; pkt. 10c

**MOSS ROSE, see Portulaca, page 51**

**MOURNING BRIDE, see Scabiosa, page 52**

**MYOSOTIS or Forget-Me-Not  
(Perennial)**

1375 Height 4-9 in. Plants are of compact habit with large clusters of exquisite clear blue flowers. Flourish in moist shady positions. Require winter protection. .... Pkt. 10c

The seed shells of Nasturtiums, Sweet Peas, Lathyrus and Morning Glories are very hard, and should be soaked in warm (not hot) water for 24 hours before planting to hasten germination.



Nasturtium Glorious Gleam Hybrids.

**For Handsome Two-Tone Flower Edgings try sowing—**

Ageratum Blue Cap with Petunia Pink Gem. Alyssum Little Gem Mixed with Alyssum Lilac Queen. Petunia Violacea with Nemesia Orange Prince.

**NEMESIA (Annual)**

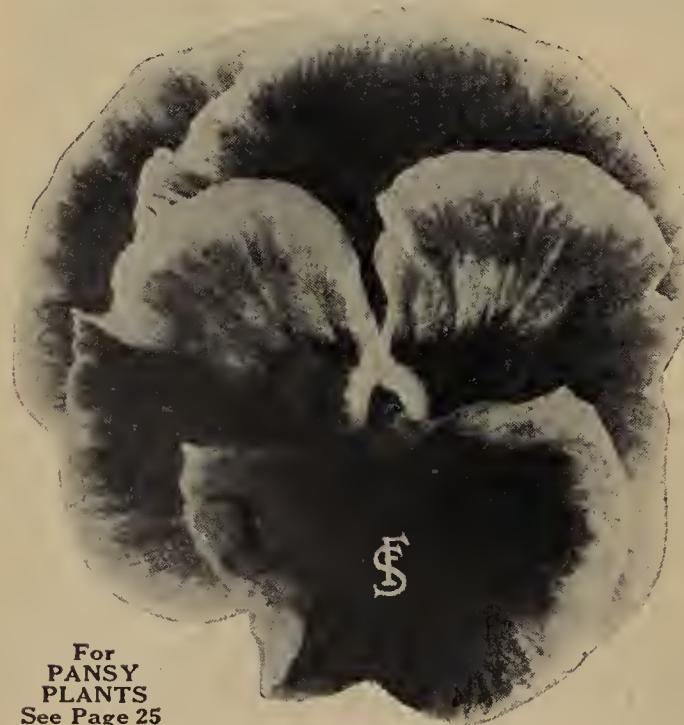
Dwarf annuals which make pleasing masses of low growth for foreground beds and edging. The orchid-like flowers are often an inch across.

1538 Strumosa Grandiflora. 1 ft. A splendid strain of large flowered sorts, ranging in color from yellow, orange and blue to red. .... Pkt. 15c

1539 Nana Compacta Orange Prince. 8 in. Brilliant orange blooms on round compact plants. .... Pkt. 20c

**NEMOPHILA, "Baby Blue Eyes"  
(Annual)**

1537 Height 6 in. Blooms quickly from seed and continuously from spring until frost. Showy bell-shaped flowers in shades of blue, white and violet. Fine for edging and borders. Prefers a moist, partially shaded position. .... Oz. 30c; pkt. 10c



For  
PANSY  
PLANTS  
See Page 25

Engelmann's Special Giant.

**NASTURTIUM (Annual)**

Exceedingly effective are the gay Nasturtiums. They produce an abundance of fragrant, brilliant-colored flowers within 4 to 6 weeks after sowing. They grow best in rather poor soil in full sunshine, but should not be allowed to suffer from lack of water. The new double-flowering types are especially fine for cutting.

1570 Double Golden Gleam. The large, double sweet scented golden yellow flowers are borne profusely on long stiff stems. Plants form vigorous bushes of semi-trailing habit, the runners averaging 18 inches. Golden Gleam makes an excellent pot plant. The runners can be cut back as soon as they appear, and a rounded mass of golden yellow flowers will be the result. .... Pkt. 10c

1571 Double Scarlet Gleam. Second Gold Medal winner of 1935 All-America Selections. The fiery scarlet flowers are semi-double with ruffled petals; they are uniformly well formed, with individual blooms almost 3 inches across. Plants are half dwarf, bushy with few short runners. For cutting or garden use Scarlet Gleam has but few equals. .... Pkt. 25c

1572 Double Glorious Gleam Hybrids. A hybrid mixture of gorgeously colored, large, well-formed flowers. Plants are semi-dwarf, throwing short runners from well-rounded bushes. The flowers are borne on long stems well above the foliage, giving the effect of a solid mass of color. The color range includes salmon, yellow, cream, orange, scarlet, maroon and many spotted varieties. .... Pkt. 25c

1574 Dwarf Mixed. 1 ft. Giant flowers in a great variety of charming color combinations as well as the brilliant self-colored sorts. ....  $\frac{1}{4}$  lb. 40c; oz. 15c; pkt. 8c

1598 Tall Giant Flowering Mixed. 6-10 ft. Large velvety flowers of various colors are borne on tall stiff stems. Excellent for hanging baskets and window boxes or may be trained on fences. ....  $\frac{1}{4}$  lb. 40c; oz. 15c; pkt. 8c

**NICOTIANA, Flowering Tobacco  
(Annual)**

1540 Height 2-3 ft. Plants are of branching habit, and bloom continuously from early summer until frost. The flowers resemble petunias, but have a longer tube. They open toward evening and emit a heavy fragrance. ....  $\frac{1}{4}$  oz. 25c; pkt. 10c

**NIGELLA, Love-in-a-Mist (Annual)**

1545 Miss Jekyll. Height 18 in. Plants are compact and free-flowering with finely-cut foliage and large semi-double flowers of a lovely cornflower-blue on long stems. ....  $\frac{1}{4}$  oz. 30c; pkt. 10c

**GIANT PANSIES (Perennial)**

The seed may be started indoors in February or in a coldframe in March, in carefully pulverized rich soil. Sow seed thinly and cover lightly, keeping the ground moist with a spray. Pansy seed germinates slowly and grows best in a cool location with good drainage. Transplant to open ground in May.

If flowers are picked regularly, the plants will continue to bloom until frost. Protect with a mulch of straw, or similar material in fall, and they will endure hard winters with perfect safety.

1606 Bronze Shades. Large artistic flowers of finest form. .... Pkt. 10c  
1608 Purple and Blue Shades. Rich and velvety, of immense size. .... Pkt. 10c  
1609 Madame Perret. Lovely shades of pink, rose and wine. .... Pkt. 10c

.1610 Collection of 1 pkt. each of above three strains for. .... 25c

1620 Engelmann's Special Giant. Reselected to a strain of immense flowers from the old Scottish show type, and conceded to be the most outstanding strain now available. Vigorous, compact and early flowering; bronze and reddish shades. .... Pkt. 35c

1625 Maple Leaf Giant Mixed. "The 4-Inch Pansy." Of wonderful form and substance, the flowers are prize winners wherever shown. Plants of compact growth; foliage extra large, of a rich dark green. .... Pkt. 30c

1626 Giants of California. Flowers of gigantic size and splendid texture in a very extensive color range. .... Pkt. 20c

1628 Roggeli Swiss Giants. Have created a decided sensation in floricultural circles. The plants are robust with very large flowers of heavy texture on strong stems. Colors are outstanding and distinct, with shades previously unknown. .... Pkt. 25c

1629 Masterpiece or Ruffled Pansies. A remarkable strain of Giant Pansies with beautifully frilled petals, so full as to appear almost double. Rich colors, with dark velvety shades predominating. .... Pkt. 15c

1631 Trimardeau Mixture. A superior strain, with robust deep-rooting plants and flowers of mammoth size and great substance. Mixed colors. ....  $\frac{1}{8}$  oz. 30c; pkt. 10c

# FLOWERS MEAN SO MUCH—YET COST SO LITTLE



Physalis—  
Chinese Lantern.

WINDOW BOXES made of select California Redwood, on page 26.

FLOWERING PLANTS for Porch and Window Boxes and Bedding on page 25.

Oriental Poppy.

## PENTSTEMON, Beard Tongue (*Perennial*)

1638 Sensation. 2 ft. Produce handsome stalks of long-tubed Gloxinia-like flowers, often 2 inches across, in the most brilliant and varied shades of red, pink and violet. Bloom all summer and are splendid for cutting. If started indoors in March, they will flower freely the first year..... Pkt. 15c

## PETUNIAS (*Annual*)

Petunias surpass all other plants for bedding purposes. They thrive in poor soil and under the most adverse conditions and bloom continuously throughout the summer until killed by heavy frosts. Seed started in the hotbed in April will produce blooming plants in June.

### Giant Flowering Varieties

1644 Giant Double. For beauty of form and coloring, these surpass every other strain. The weaker seedlings produce the finest double flowers. Only a certain percentage of the flowers will be double, but the remainder will be choice single of giant size, some frilled. .... Pkt. 30c

1652 Theodosia. The "Queen" of Petunias. Large ruffled flowers of rose-pink with gold throat. An outstanding novelty..... Pkt. 30c

1655 Ruffled Giants. Flowers of this strain often measure 5 inches across, and are beautifully frilled and veined. Every color, from white and pale pink to deep purple is included in this mixture..... Pkt. 25c

1657 Balcony Petunias. Of semi-trailing habit, particularly recommended for porch and window boxes. Colors include violet-blue, crimson, rose and white. Finest mixed..... Pkt. 20c

1658 Star of California. A magnificent new Petunia of the balcony type. Flowers are velvety violet with a touch of crimson, starred with five pure white blotches. Very effective in window boxes..... Pkt. 25c

### Bedding Varieties

1648 Nana Compacta Pink Gem. Forms neat compact plants only 6 inches high, covered with two-inch flowers of deep pink. A plant 8 inches in diameter will carry as many as 30 blooms at one time. Indispensable for borders, window boxes, pots, rock gardens and bedding. Planted with blue Ageratum, the effect is delightful..... Pkt. 20c

1649 Rose of Heaven. Rich, brilliant rose, with inconspicuous white throat .....  $\frac{1}{8}$  oz. 50c; pkt. 15c

1650 Violacea. A rich violet-blue.....  $\frac{1}{8}$  oz. 50c; pkt. 15c

1651 F. S. & N. Co's Bedding Petunias. A splendid showy mixture of dwarf sorts in a complete range of colors. They will furnish an unending supply of fragrant flowers all summer....  $\frac{1}{8}$  oz. 40c; pkt. 10c

For Petunia Plants, see page 25.

**SACCO FERTILIZER** contains all Food Elements required for the perfect development of Flowers. See page 72 for prices.

## PHLOX DRUMMONDI (*Annual*)

Beautiful showy annuals of easy culture, producing a continuous supply of large flowers in a most wonderful range of colors. Unsurpassed for massing and bedding. If the seed pods are removed, the plants will bloom until cut down by frost. Height about 1 foot.

1660 White. 1662 Pink. 1664 Scarlet.  
1661 Violet. 1663 Buff. 1673 Star.

Each of the above.....  $\frac{1}{8}$  oz. 40c; pkt. 10c  
**SPECIAL COLLECTION.** 1 pkt. each of above 6 varieties for 50c.  
1666 Finest Bedding Mixed. All colors.....  $\frac{1}{8}$  oz. 40c; pkt. 10c

For Perennial or Hardy Phlox Plants, see page 34.

## PHYSALIS, Chinese Lantern Plant (*Perennial*)

1642 Franchetti. 18-24 in. Plants form dense bushes and bear bright, orange-scarlet pods, resembling miniature Chinese lanterns. May be dried and used for winter bouquets. Very attractive when combined with Lunaria..... Pkt. 10c

## PINKS, see Carnation, Dianthus and Sweet William.

## PLATYCODON, Chinese Bell Flower (*Perennial*)

1679 Height 18-24 in. Handsome compact-growing plants, bearing an abundance of broad, bell-shaped white or blue flowers from June to September. The flowers when in bud have the appearance of inflated balloons..... Pkt. 10c

## POPPIES (*Annual*)

1691 American Legion. An improved variety of Flanders Poppy. Flowers are a brilliant orange-scarlet of enormous size, on long stout stems.....  $\frac{1}{4}$  oz. 25c; pkt. 10c

1692 Giant Shirley (Silk or Ghost). 1 ft. Beautiful satiny flowers, 4 inches across, with fluted, crinkled petals. Colors contain delicate shades of rose, apricot, salmon-pink and glowing crimson with occasional blues. Foliage is hairy and finely cut..... Oz. 30c; pkt. 5c

1695 Double Shirley Poppy, "Sweet Briar." Deep rose-pink flowers, very full and double. Resembles a very large double Begonia ..... Pkt. 20c

1704 Single Mixed. Especially fine for massing. Large flowers in a great variety of colors..... Oz. 25c; pkt. 5c

1705 Double Mixed. Immense double flowers in a wonderful mixture of colors..... Oz. 25c; pkt. 5c

**CALIFORNIA POPPY**, see *Eschscholtzia*, page 47.

## POPPIES (*Perennial*)

1707 Iceland Poppy (Nudicaule). 1 ft. Plants are of graceful habit with bright green, fern-like foliage. They bear an endless profusion of brilliant cup-shaped flowers, with slightly crumpled petals of satiny texture. Mixed colors..... Pkt. 10c

1708 Oriental Poppy. 2-3 ft. For gorgeous coloring Oriental Poppies have few rivals among hardy plants. The flowers are often 6 inches across and are borne on tall stems. They produce a magnificent effect in the shrubbery or hardy border when in bloom..... Pkt. 10c

## PORTULACA, Rose Moss (*Annual*)

Plants have thick creeping foliage covered with a profusion of small rose-like flowers in brilliant colors. They delight in a warm sunny position and sandy soil.

1712 Single Mixed.....  $\frac{1}{4}$  oz. 20c; pkt. 10c

1713 Double Mixed.....  $\frac{1}{4}$  oz. 75c; pkt. 10c

## PYRETHRUM or PAINTED DAISY (*Perennial*)

Valuable hardy garden plants with beautiful daisy-like flowers in all shades of pink, rose and crimson. Their long flowering period, long stems and wonderful lasting properties make them very popular for cutting. Height 1-2 feet.

1725 Single Mixed.....  $\frac{1}{8}$  oz. 50c; pkt. 10c

1726 Double Mixed..... Pkt. 25c



Bedding Petunias.



Pink, Rose and Red Pyrethrum.



Salpiglossis are greatly prized for cutting.

**RICINUS or Castor Oil Plant (Annual)**

1730 Red Spire. 6-8 ft. Foliage plants of luxuriant and rapid growth, valuable for backgrounds and screens, producing a rich tropical effect. The leaves are of enormous size, deeply lobed and conspicuously veined, dark green and bronze in color.....Oz. 25c; pkt. 8c

**SALPIGLOSSIS, Painted Tongue (Annual)**

1741 Height 2-2 1/2 ft. Beautiful velvety petunia-like flowers, greatly prized for cutting. They range in color from various shades of purple and blue through red and yellow to creamy white, delicately veined and penciled with gold. Bloom from July to frost.....1/4 oz. 50c; pkt. 10c

**SALVIA or Scarlet Sage (Annual)**

Handsome summer and autumn-flowering annuals with brilliant flowers; very effective for massing, bedding and cutting. Useful also for window box and pot plants.

1745 Splendens. 2-3 ft. Plants are much branched, with large spikes of bright scarlet flowers produced in profusion during the summer and fall. This is the old favorite bedding variety.

1746 Fireball. 15-18 in. Compact plants with fiery scarlet flowers on massive spikes, erect and stiff; over 200 spikes to a plant is not unusual.....1/8 oz. 65c; pkt. 10c

**SAPONARIA, Soapwort (Annual)**

1749 Vaccaria Rosea. 2 ft. Produce a profusion of light graceful sprays of satiny-pink flowers. Charming in bouquets combined with other flowers.....1/2 oz. 25c; pkt. 5c

**SCABIOSA, Pin-cushion Flower (Annual)**

Showy in the garden and one of the finest annuals for cutting. Bloom continuously from early summer until frost, in a wide range of rich, beautiful colors. They grow 2 to 3 feet high, with flowers on long slender stems; also known as Mourning Bride.

1750 Loveliness. A glorious salmon-rose color. Delightfully fragrant. Unsurpassed as a cut flower, with long stiff stems...Pkt. 15c

1751 King of the Blacks. Reddish-black.

1752 Azure Fairy. Delicate lavender-blue.

1753 Shasta. Pure white of enormous size.

1754 Rose. Beautiful rose-pink.

1755 Fiery Scarlet.

1756 Golden Yellow.

1757 Finest Mixed.

Each of the above....1/4 oz. 30c; pkt. 10c

**SCABIOSA CAUCASICA, Blue Bonnet (Perennial)**

1758 Height 18-24 in. Handsome hardy plants that thrive in ordinary garden soil. The semi-double flowers are 2 to 3 inches across and are borne on long stout stems; color is an exquisite lavender-blue shading to deep blue. Exceptionally good for cutting.....1/8 oz. 70c; pkt. 15c

**SCARLET RUNNER BEAN see page 3**

**SCHIZANTHUS, Butterfly Flower (Annual)**

1764 Height 18-24 in. Plants are of bushy luxuriant growth, with delicate, finely cut foliage and exquisite orchid-like flowers in a great range of bright colors, blotched and marked in contrasting shades. One of the daintiest of annuals.....Pkt. 10c

**SHASTA DAISY see Chrysanthemum page 46**

**SNAPDRAGON see Antirrhinum page 44**

**SOLANUM, Jerusalem Cherry (Annual)**

1768 Compact, bushy house plants with small shiny leaves and many bright orange-scarlet berries. Grows 15-18 inches high, and is easily raised from seed. One of the best pot plants for winter decoration. Also known as Christmas Cherry.....Pkt. 10c

**STATICE, Sea Lavender (Annual)**

1769 Sinuata. 1-2 ft. Suitable for growing in rock gardens and charming when dried for winter bouquets. The flowers are produced in racemes on long, graceful stems. Colors: rose, blue and white; retains its true colors when dried.....1/2 oz. 20c; pkt. 6c

**STOCKS, Early Giant Imperial (Annual)**

An improved strain of Bismarck. The plants grow 24-30 inches high, and are of robust branching habit, with heavy spikes of bloom. The flowers are double and very fragrant. Bloom from late July until frost.

1771 Gold Ball.

1775 Royal Purple.

1772 Rose Pink.

1776 Lavender.

1774 Fiery Blood Red.

1777 Finest Mixed.

Each of the above.....Pkt. 10c

1778 Evening Scented Stock. (Matthiola Bicornis.) 1 ft. Rosy lavender flowers which fill the garden with a delicious perfume in the evening.....Oz. 30c; pkt. 5c

**STOKESIA, Cornflower Aster (Perennial)**

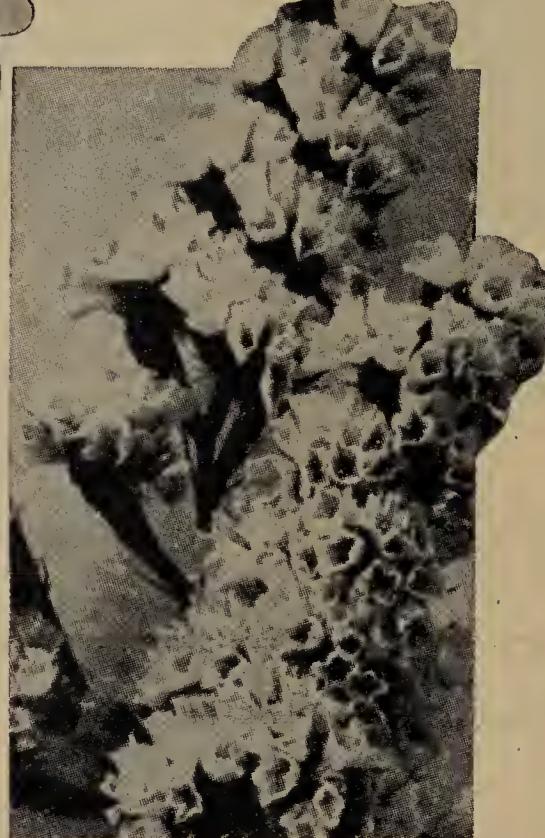
1780 Cyanæa. 2 ft. One of the choicest flowers for the garden and indispensable for cutting. Plants are much branched and bear freely from July until frost the handsome lavender-blue flowers which measure from 4 to 5 inches across. Of easy culture, succeeding in any open, sunny position .....Pkt. 10c

**SUNFLOWER, Helianthus (Annual)**

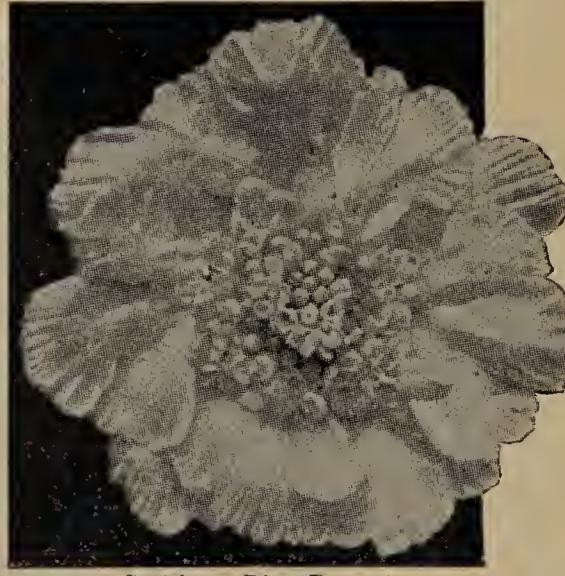
1830 Miniature Sunflower. 3-4 ft. Produce flowers in many shades of rose, bronze and orange. Bloom all summer and are useful for cutting. Foliage is small and graceful.....Pkt. 10c

1831 Red Sunflower. 4-6 ft. Curled petals in various shades of red and orange, beautifully shaded and bordered.....Pkt. 10c

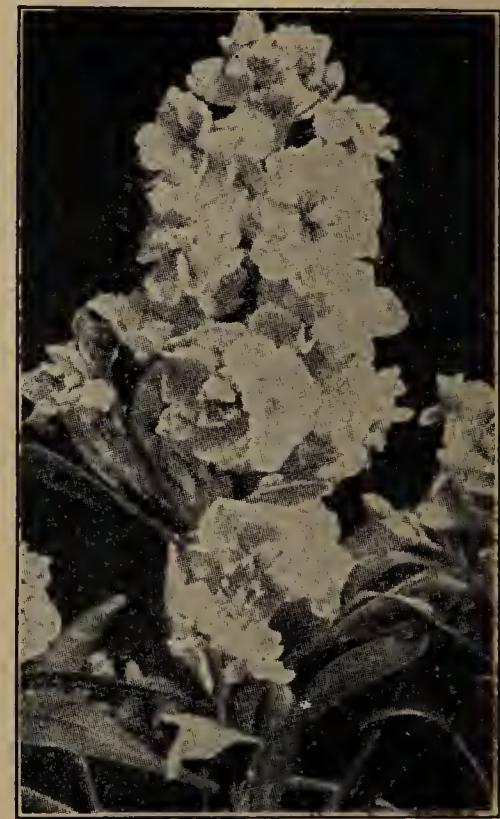
1832 Mammoth Russian. 8-10 ft. Huge flat flower heads grown for the seeds which are fed to parrots, poultry and birds. Planted in the poultry yard the plants furnish shade, and when planted in the vegetable garden the stalks will serve as poles for climbing or pole beans .....Large pkt. 5c



Statice, Sea Lavender.



Scabiosa, Blue Bonnet.



Early Giant Imperial Stock.

**RHODANTHE, Everlasting (Annual)**

1729 Manglesii Rose. 1 ft. One of the few everlastings which retains its grace and beauty after being dried. The flowers should be cut before they fully expand to retain their beautiful bell form. Sow the seed in a light, rich soil and in a warm sheltered situation. Rhodanthe makes an excellent pot plant and blooms freely indoors.....Pkt. 10c



New Giant Hybrid Verbena,  
Beauty of Oxford.



Sweet William (Dianthus Barbatus).

**SWEET ROCKET, Dame's Violet (Perennial)**

1880 **Hesperis Matronalis.** 2-3 ft. Hardy herbaceous plants, very effective in the garden. They are covered with showy spikes of purple and white flowers which are deliciously sweet-scented after sunset. Splendid for cutting.....Pkt. 10c

**SWEET ALYSSUM, see Alyssum page 44**

**SWEET SULTANS, see Centaurea page 46**

**SWEET WILLIAM, Dianthus Barbatus (Perennial)**

One of our finest hardy garden plants, of easy culture and thriving in any good garden soil. Grow 12 to 18 inches high, with flowers in flat clusters on tall stiff stems.

1890 **Single Large Flowering Mixed.** Extra choice varieties.

1891 **Double Large Flowering Mixed.** A splendid mixture.

1894 **Pink Beauty.** Beautiful salmon-pink.....Pkt. 10c

1895 **Scarlet Beauty.** Intense, brilliant scarlet.....Pkt. 10c

**TRITOMA, Red-Hot Poker (Annual)**

1835 **Hybrid Mirabilis.** 2-3 ft. Also known as Torch Lily or Flame Flower. Produces striking orange-scarlet flower spikes from August until frost. Start seed indoors in March and set plants out in May. The roots may be taken up in late fall and stored like Dahlia roots..Pkt. 15c

**VENIDIUM FASTUOSUM (Annual)**

1836 Height 2-3 ft. Deep, brilliant orange, daisy-like flowers, 4-5 inches across, with a double row of petals, the upper row having a glossy reddish-brown center. Germinates readily and flowers profusely. Very effective in bouquets, as well as for garden display.....Pkt. 25c

**VERBENA, Giant Hybrid (Annual)**

Unsurpassed for massing in large beds. The plants are of low spreading growth and are covered with brilliant flowers from June to frost. Average trusses measure 3 1/2 inches across. Valuable for cutting.

1899 **Beauty of Oxford Hybrids.** The brightest Rose Verbena ever produced. Shades from rose-pink to rose-red. New and unusual both in size and color.....Pkt. 30c

1900 **Blue and Purple Shades.** .....

1905 **Pink and Rose Shades.** .....

1907 **Lucifer, Vivid Scarlet.** .....

1908 **Giant Hybrid Mixed Verbenas.** This mixture includes shades of blue, lavender, purple, yellow, rose and scarlet. Will provide flowers for cutting all summer.. 1/4 oz. 40c; pkt. 10c

**VERONICA, Speedwell (Perennial)**

1918 **Spicata.** 18-24 in. Showy plants with glaucous foliage and tall spikes of handsome blue flowers. Bloom in July and August. Beautiful in the garden and fine for cutting..Pkt. 10c



Veronica has long spikes of violet-blue flowers.

**SPENCER SWEET PEAS**

One ounce of seed will plant a single row 50 feet long.

The flowers of Spencer Sweet Peas are of immense size, beautifully waved, and usually borne 3-4 on long, substantial stems. The seed should be sown very early in spring (preferably in March) as Sweet Peas thrive best in cool, moist weather. Our leaflet with complete cultural directions will be sent free with order if requested.

1928 EVERLASTINGS. The best straw-flowers and other Everlastings in a fine mixture for winter bouquets.....Large pkt. 15c

**THE FINEST ORCHID-FLOWERED VARIETIES AND NOVELTIES**

1837 **DAMASK ROSE.** Shining carmine-rose. Huge flowers, very choice and striking.

1838 **AMETHYST.** Exceptionally large blooms of a bright clear blue.

1839 **ANNIE LAURIE.** The richest tone of pure rose-pink ever produced in a Sweet Pea.

1840 **OLYMPIA.** Enormous flowers of deep, rich purple.

1841 **WHAT JOY.** Considered the best deep cream variety. Large, frilled flowers.

1842 **BARBARA.** A lovely salmon. Three to four large blooms on each stem.

1843 **SYBIL HENSHAW.** A dazzling shade of rich crimson.

1844 **VALENCIA.** A bright sun-proof orange. Of robust growth, with long stems.

1845 **POWERSCOURT.** Immense flowers of pure lavender.

1846 **GLITTERS.** Brilliant orange-scarlet, wings deep orange.

1847 **SPRING SONG.** Bright rose-pink flushed salmon. Well-formed large flowers.

1848 **avalanche.** Glistening white flowers of large size and great substance.

1849 **THE SULTAN.** Deep velvety maroon. Effective with the cream Sweet Pea "What Joy."

1850 **MAGNET.** Bright cream-pink. Beautiful combined with deeper rose shades.

1851 **AMERICA.** Striped and flaked brilliant carmine on white ground.

1852 **FORTUNE.** Immense frilled flowers of a rich dark blue color.

1853 **THE CARDINAL.** A striking poppy-scarlet.

1854 **COLORADO.** Vivid golden orange. Most effective combined with Fortune.

1855 **GLENEAGLES.** A beautiful clear porcelain-blue.

1856 **SUNKIST.** Large cream flowers, picotee-edged rose.

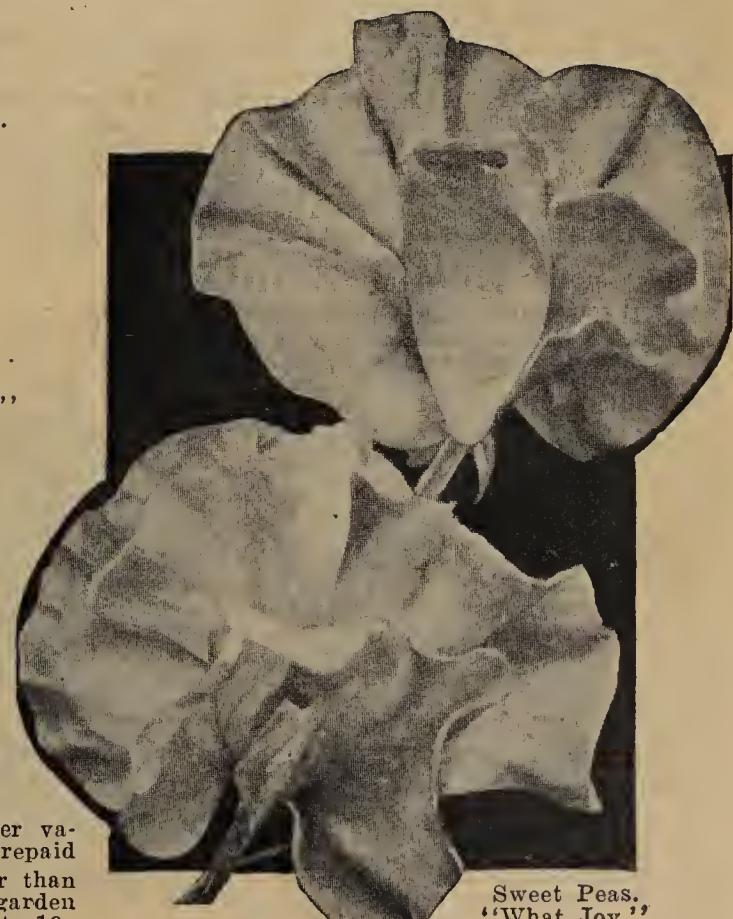
Each of the above.....Oz. 25c; pkt. 10c

**Special Offers**

{ One pkt. each of any 5 above named varieties for.....40c  
One pkt. each of any 10 above named varieties for....75c  
One pkt. each of 20 varieties as listed above.....\$1.40

1865 **RAINBOW MIXED SPENCER SWEET PEAS.** Composed of Giant Waved Spencer varieties in a complete color range.....Lb. \$1.75; 1/4 lb. 50c; oz. 25c; pkt. 10c, prepaid

1875 **EARLY FLOWERING SPENCER SWEET PEAS.** Come into bloom a month earlier than the other sorts, producing immense frilled flowers on long stems. Suitable for garden and greenhouse culture. Mixed colors.....Oz. 50c; pkt. 10c



Sweet Peas,  
'What Joy.'

## ZINNIAS (Annual)

Gorgeous and showy in the garden, and unexcelled for cutting, Zinnias bloom from early summer until destroyed by frosts. For a brilliant color display they should be grown in large beds and masses. The plants are sturdy, bushy and well branched, and entirely free from insects and fungi.

**CULTURE**—Zinnias are not particular as to soil, but prefer a sunny location and plenty of moisture. When the plants are 2 or 3 inches high, they should be thinned out to stand 12-15 inches apart. If allowed ample room for proper development the flowers will be more completely double.

### GIANT DAHLIA FLOWERED

The flowers are of enormous size, often measuring 4 inches in depth and 6 to 8 inches in diameter. The petals are broad and closely imbricated, giving the flower a massive appearance. Plants grow 3 to 4 feet high.

1931 SCARLET FLAME. Bright scarlet with a blending of orange..... Pkt. 10c  
 1934 CANARY BIRD. A delicate shade of primrose yellow..... Pkt. 10c  
 1936 DREAM. A beautiful shade of soft lavender turning to purple..... Pkt. 10c  
 1937 ORIOLE. A magnificent orange and gold bicolor..... Pkt. 10c  
 1938 EXQUISITE. Lovely light rose-pink with a darker rose center..... Pkt. 10c  
 1939 CRIMSON MONARCH. Gigantic flowers of a rich crimson..... Pkt. 10c  
 1940 GIANT DAHLIA FLOWERED MIXED.....  $\frac{1}{4}$  oz. 50c; pkt. 10c

Collection of 1 pkt. each of above  
6 named varieties for 50c.

For Zinnia  
Plants, see  
page 25.

Zinnia, Scabiosa  
Flowered.

### GIANT ZINNIA COLLECTION

One Pkt. Each

Dahlia Flowered Mixed.  
Double Mammoth Mixed.  
Double Picotee Mixed.  
Scabiosa Flowered Mixed.

35c  
ppd.

### DWARF ZINNIA COLLECTION

One Pkt. Each

Lilliput or Pompon Mixed.  
Red Riding Hood.  
Pumila Picotee Delight Mixed.  
Mexican Hybrid Mixed.

30c  
ppd.



Zinnia, Giant Dahlia  
Flowered.

### GIANT DOUBLE MAMMOTH (California Giants)

An improved strain of the old Giant Show type with flowers often measuring 5 inches across. Plants are vigorous and healthy and grow about 3 feet tall.  
 1960 VIOLET QUEEN. Beautiful deep violet shading to purple..... Pkt. 10c  
 1961 DAFFODIL. A new shade. Bright canary yellow..... Pkt. 10c  
 1962 ORANGE KING. A wonderful shade of burnt orange..... Pkt. 10c  
 1963 SALMON QUEEN. Fine salmon rose. A soft delicate shade..... Pkt. 10c  
 1964 GRENADE. New. A rich glowing deep red..... Pkt. 10c  
 1965 GIANT DOUBLE MAMMOTH MIXED.....  $\frac{1}{4}$  oz. 50c; pkt. 10c

Collection of 1 pkt. each of above 5 named varieties for 40c

### VARIOUS ZINNIAS

1968 PICOTEE GIANT DOUBLE MIXED. Large double flowers, measuring 4 inches or more in diameter. Colors are: orange, yellow, pink and flesh with edges of petals serrated and tipped with a contrasting color. .... Pkt. 10c

1969 SCABIOSA FLOWERED. 2½ ft. Flowers have a collar of broad outer petals, surmounted by a full double crest of short, tubular petals. Colors range from pale rose to crimson, scarlet, orange and yellow. Invaluable for cutting..... Pkt. 15c

1970 CHRYSANTHEMUM FLOWERED FANTASY.

2-2½ ft. A striking novelty of the curled and crested type, and far superior to quilled Zinnias in form and color. The large flowers are composed of shaggy, ray-like petals and present a very artistic appearance. Color range includes the brightest shades of red, yellow and orange as well as pastel pinks and cream..... Pkt. 25c

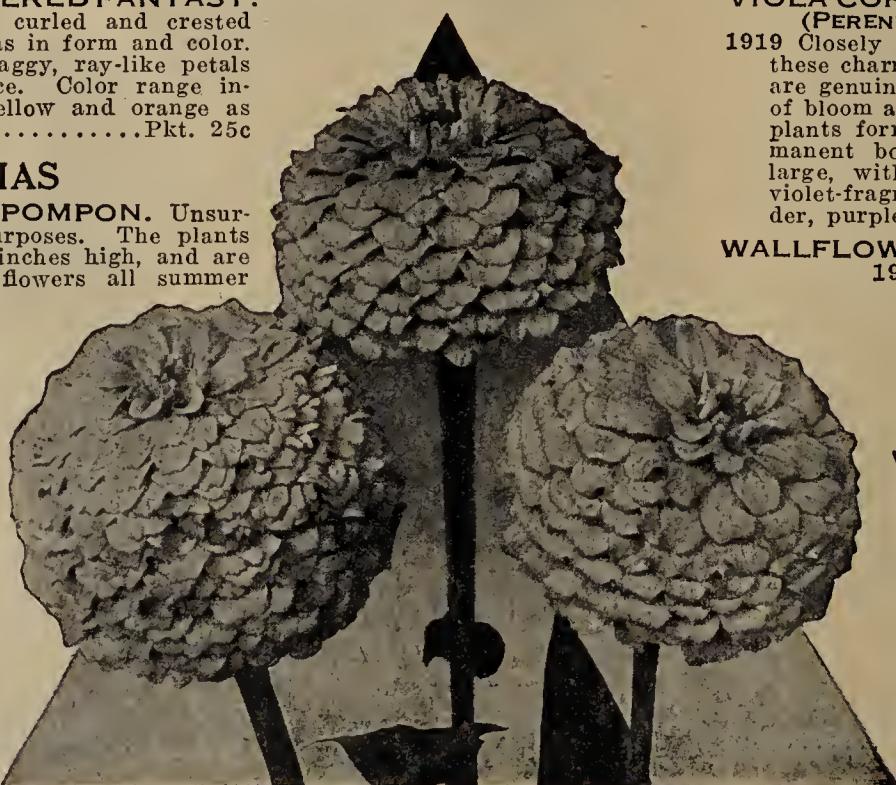
### DWARF ZINNIAS

1975 IMPROVED LILLIPUT OR POMPON. Unsurpassed for bedding and cut flower purposes. The plants form handsome little bushes 12 to 15 inches high, and are literally covered with small, double flowers all summer until killed by frost. Mixed colors...  
.....  $\frac{1}{4}$  oz., 30c; pkt. 10c

1976 RED RIDING HOOD. Ht. 1 ft. Plants are of compact bush form, covered with intense scarlet flowers not over an inch across. Very effective in solid beds and for edging, and especially recommended for cutting.....  $\frac{1}{4}$  oz. 30c; pkt. 10c

1977 PUMILA PICOTEE DELIGHT. Height 15-18 in. Dwarf plants with extra double flowers in a mixture of many attractive shades including salmon, buff, cream, yellow and lavender. Petals are beautifully picoteed and ruffled..... Pkt. 15c

1978 PUMILA PICOTEE DELIGHT SALMON ROSE. An extra select strain of light and deep salmon shades. The petals of the flowers are ruffled and picoteed, giving a light and dainty effect. Unsurpassed for bedding effects or cut flower use..... Pkt. 20c



Zinnia, Improved Lilliput or Pompon.

### 1979 MEXICAN HYBRID ZINNIA.

Haagaena. 16 in. Very popular as a rock garden and border plant and splendid for cutting. Plants are dwarf and compact, bearing masses of double and semi-double flowers 1½ inches across, in a most unusual color range—rose tipped yellow, maroon tipped cream, yellow tipped red ..... Pkt. 10c

### VIOLA CORNUTA, TUFTED PANSY (PERENNIAL)

1919 Closely related to the pansies and violets are these charming perennials known as Violas. They are genuine treasures in the garden when masses of bloom are wanted throughout the season. The plants form perfect mats, and are ideal for permanent borders and edgings. The flowers are large, with clear bright colors and a delicious violet fragrance. Mixed colors, including lavender, purple, blue, lemon and orange.... Pkt. 10c

### WALLFLOWER, DOUBLE (ANNUAL)

1920 Height 12-15 in. A splendid variety suitable for either bedding or pot culture with the main spike covered with double fragrant blossoms of brown and golden yellow. Seed started indoors in February will produce flowering plants in July. Mixed colors..... Pkt. 20c

### WILD CUCUMBER (ANNUAL CLIMBER)

1925 Echinocystis Lobata. 20 ft. Grows rapidly and is thickly dotted with pretty white, fragrant flowers, followed by ornamental prickly seed pods..... Oz. 25c; pkt. 5c

### YUCCA, ADAM'S NEEDLE (PERENNIAL)

1929 Filamentosa. 3-5 ft. Plants present a striking tropical appearance with their strong sword-like foliage and tall spikes of creamy white flowers. Bloom in July. Very effective in the border and rock garden. Pkt. 10c

## THE BEST HOUSE PLANTS

### FINEST BEGONIAS

**NEW SPECKLED BEAUTY**—Finest flowering Begonia in cultivation. Leaves are pure bronze color, oblong in shape with silver markings. Large trusses of snow white flowers. .... Each 30c, postpaid

**BABY RUBRA**—(Picta Rose.) Flowers of rosy flesh color, shaded with silvery-pink and enlivened with dense clusters of yellow anthers. .... Each 25c, postpaid

**CORALINE LUCERNE**—A vigorous grower of upright habit. Beautiful bright coral-red flowers of heavy waxen texture. .... Each 25c, postpaid

**NEW BEEFSTEAK**—Thick, round leaves of deep green, with red on the reverse side. .... Each 30c, postpaid

**MAMMOTH LEAVED REX**—Produces mammoth leaves of rich metallic lustre and colors, blending from bright green, silver and orange to plum hues. .... 35c each, prepaid

### GIANT BLOOMING FUCHSIAS

**LIBERTY BELL**—The largest flowering variety, tall and branching. Leaves are dark, glossy green. Flowers of enormous size; sepals bright scarlet, very double. .... 25c each; 3 for 70c, postpaid

**SPECIOSA**—Profuse winter blooming; large flowers, graceful form, rich carmine and rosé colored flowers. .... 20c each; 3 for 55c, postpaid

**TROPHEE**—(Double.) Violet blue corolla; dark rich red sepals, waxy luster. .... 25c each; 3 for 70c, postpaid

### CARNATIONS

Large, long-stemmed flowers, delightfully clove scented. Fine for the garden as well as for cut flowers.

**CRIMSON KING**—The finest of all, and in bloom all summer. The color is a rich crimson and the fragrance is exquisite. Dark green foliage. .... 30c each; 3 for 85c, postpaid

**PRINCE BISMARCK**—Identical to Crimson King except in color, which is salmon pink. .... 30c each; 3 for 85c, postpaid

### CHRISTMAS CACTUS

Scarlet flowers and green foliage. Easy to grow and sure to bloom. It is usually in bloom during Christmas and the holidays. .... 25c each; 3 for 70c, postpaid

### SNAKE PLANT (*Sanseveria*)

The ideal house plant, its thick leathery, sword-like leaves standing the heat, dust, and gas with impunity. Leaves are dark green in color, striped with white. .... 30c each; 3 for 85c, prepaid

### GOLD BANDED SNAKE PLANT (*Sanseveria Laurentii*)

Decorative plant, striking in foliage; no other plant stands as much neglect and hardship. Nothing but frost or continued drenching with water has terrors for it. It will stand gas and dust and will go for months without water. .... 50c each, postpaid

Use Nu-Life Plant Food  
for House Plants.  
See Page 72.



Boston Fern.

### PINK FLOWERING WAX PLANT

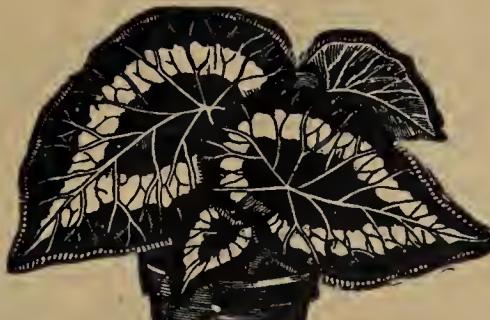
Produces beautiful pink flowers at all times. Of frosted wax-like appearance. Suitable for rock work, hanging baskets, also for a pot plant. .... 25c each; 3 for 70c, postpaid

### WHITE CALLA LILY

Produces pure white blossoms in winter and spring. Grows freely. .... 25c each; 3 for 72c  
Larger size 35c, postpaid.



White Calla Lily.



Mammoth Leaved Rex Begonia.

### GIANT HARDY CHRYSANTHEMUMS

The glory of the fall garden. Hardy anywhere, if given some winter protection.

**AUTUMN BEAUTY**—All shades of Autumn colors are found in the flowers of this variety.

**MELBA**—Brilliant carmine shaded with scarlet.

**EXCELSIOR**—Fiery orange, the same color throughout the flower.

**HENRI VINCENT**—A beautiful pink, very early and free flowering.

**ARABY**—Snow white in color; perfect in shape, very free.

**GOLDEN SUN**—Yellow, early and a continuous bloomer.

**HARVEST HOME**—Yellow overlaid with brilliant orange-crimson.

**WHITE DIANA**—Free flowering early white.

**HELIOS**—Deep chestnut, shaded crimson. Early flowering.

**DAYBREAK**—Creamy white, with rose-pink shadings.

Any of the above varieties, 25c each. The set of 10 kinds for only \$1.95, postpaid.

### LENOX MISTY SPRAYER

Just the thing for house plants. It throws a misty spray under or over the plants, thoroughly drenching the foliage and removing dust and insects. Any liquid insecticide or poison can be used, and every part of the plant can be sprayed effectively. Price: 75c. Extra bulbs 30c each, prepaid.

Snake Plant.

All Plants sent Postpaid except when marked express.

### DECORATIVE FERNS

**BOSTON FERN**—Of easy culture and a very rapid grower, producing fronds of unusual length. .... 30c and 40c each, postpaid, according to size.

**MAIDENHAIR FERN**—Graceful, rich green. Fronds have beautiful tasseled heads. .... 25c each; 3 for 70c, postpaid

**OSTRICH PLUME FERN**—Feathery foliage, easily grown. One of the best. 25c, 35c and 50c, postpaid, according to size.

**ROOSEVELT FERN**—Fronds are broad and heavy, often four inches across and five or six feet long. Very graceful. 25c, 35c and 45c, postpaid, according to size.

### DOUBLE FLOWERING GERANIUMS

**AMERICAN BEAUTY**—True American Beauty Rose color. Large flowers, always in bloom. A rare variety, medium tall, stately shape. Lustrous green foliage. .... 32c each; 3 for 91c, postpaid

**WHITE PERFECTION**—New double, white elegant flowers. .... 20c each; 3 for 54c, postpaid

**DOUBLE NEW LIFE**—A rare variety. Petals dark red, with pure white floret in center. Unusually striking appearance. .... 29c each; 3 for 81c, postpaid

**FIREBALL**—Double dark red, velvety scarlet flowers. .... 20c each; 3 for 55c, postpaid

**IMPROVED POITEVINE**—A new double salmon-pink, shading to clear salmon in center. Large showy clusters. .... 22c each; 3 for 62c, postpaid

**PINK SENSATION**—New double Geranium, a sturdy grower, producing immense clusters of flowers, beautiful bridesmaid pink color. Wonderful bedding variety. Continuous bloomer. .... 45c each; 3 for 70c, postpaid

### PELARGONIUM

(Lady Washington Geranium)

**EASTER GREETING**—Gorgeous in coloring. Fiery amaranth red. Petals marked with black blotch in center. .... 25c each, postpaid

**LUCY BECKER**—Intense rich crimson single flowers. .... 25c each, postpaid

**GARDNER JOY**—Fine large flowers. Petals rose pink, with dark blotch on each. .... 25c each, postpaid

**MAID OF HONOR**—Bright pure pink; 3 inches across. Petals heavy ruffled. .... 25c each, prepaid

### HIBISCUS PEACHBLOW

**PEACHBLOW**—Novelty with double pink flowers and deep crimson center. Splendid house-plant. .... 30c each; 3 for 84c  
Larger size. .... 60c, prepaid

### SHOWY LANTANAS

**PERFECTION**—Yellow, shading to vermillion.

**RADIATION**—Crimson shading to yellow.

**SNOW WREATH**—Very compact, pure white.

**TETHYS**—Pure lemon yellow.

Price, any of above, 25c each; 3 for 72c, prepaid.



Hibiscus Peachblow.

We cannot accept Plant Orders under 50 cents.

# HOW TO MAKE A GOOD LAWN



## DEPENDABLE LAWN GRASS MIXTURES

Based on years of experience and recommendations by the Experiment Stations, we offer well balanced mixtures of lawn grasses that will give best possible results for the purposes they are intended. We use only the very highest quality seeds, proven free from noxious weeds, and that will give quickest and most satisfactory results.

### 30-DAY LAWN GRASS

Our popular Lawn Grass for quick results. This carefully blended mixture contains the finest quick-growing grasses, together with permanent grasses that will establish a luxuriant lawn in 30 to 40 days under normal conditions. It represents the greatest value we have ever been able to give. It is by no means a cheap lawn mixture, but contains high quality Kentucky Blue Grass, White Dutch Clover, English Rye Grass and other quick-growing grasses. Our Special Price: 1 lb. 40c, 5 lbs. \$1.75, 10 lbs. \$3.00, prepaid.—Not prepaid: 25 lbs. \$6.45, 100 lbs. \$25.00.

### GARDEN CITY LAWN GRASS

#### A Most Popular High Quality Mixture

Our best all around lawn grass mixture, for general use. It contains the choicest grasses in proper combination for quick results, roots deeply, and withstands severe drought. This consists chiefly of Kentucky Blue Grass, Red Top, and White Clover, and is being sold by leading department stores with wonderful success. Price: Lb. 45c, 5 lbs. \$2.00, prepaid.—Not prepaid: 25 lbs. \$7.50, 100 lbs. \$28.00.

### KENTUCKY BLUE GRASS

Kentucky Blue Grass will last for many years, as the plants spread from underground roots. It withstands hard wear remarkably well, forming a firm, tough sod. Sow as early as possible, to give it a good start before weeds spring up. Blue Grass is the best of all grasses for lawns, golf courses and parks. Price: Lb. 40c, 5 lbs. \$1.75, postpaid.

### LAWN FERTILIZERS

A healthy lawn makes sufficient growth to require cutting every 5 to 7 days. A lesser growth indicates need of fertilizer.

We recommend above all "WEDO" for combined fertilizing and weed control qualities. (See page 72.) Price: 25 lbs. \$1.65, 50 lbs. \$2.75, 100 lbs. \$4.75, not prepaid.

"SACCO" likewise, a most dependable all around fertilizer. (See page 72.) Special circular free. Price: 25 lbs. \$1.40, 50 lbs. \$2.35, 100 lbs. \$3.95, not prepaid.

### ANY LAWN PESTS? ANTS—MOLES?

Ants may be easily controlled by using "Cyanogas." It comes in a special container with spout to eject the powder into the ant hole—a heavy gas is formed which permeates the entire nest and destroys the colony.

For moles, pump "Cyanogas" into runways with a duster. Ask for special descriptive circular. (See page 71.) Price: Cyanogas—small can 40c.

### ALL LAWNS NEED SPECIAL ATTENTION THIS SPRING, OWING TO LAST SEASON'S DROUGHT

**Preparation of the Soil.** This work must be done thoroughly as the lawn is to be permanent. The soil should be spaded to a depth of one foot, removing all stones and roughage. Large plots may be plowed and harrowed. A fine seed bed is essential.

**Fertilizing.** After the plot has been spaded, apply a three to six inch coating of peat moss and a good commercial fertilizer, such as Sacco (see page 72), allowing 20 lbs. for every 1,000 square feet. Respade, mixing thoroughly with the soil. Barnyard fertilizer may be used in place of commercial fertilizer, but as it carries seeds of weeds and coarse grasses that grow with the Grass Seed, and are difficult to eradicate, we advise using commercial fertilizer.

**Seeding.** Grass Seed may be sown any time, but early spring sowing before the hot dry weather sets in, is best. Sow the seed on a quiet day, and broadcast two ways—using one lb. of seed for every 200 to 250 square feet—80 to 100 lbs. per acre. If possible, sow shortly before a rain. By sowing half the seed one way, and the other half the other way, a uniform, even stand is assured. Harrow or rake the ground carefully to cover the seed and follow with a roller to pack the soil. Water thoroughly and regularly in the evenings, until the sod is fairly well established. Sprinkling at random is worse than no water at all.

### FREE BOOKLET ON LAWNS

We have just prepared a special booklet every lawn owner will want. It tells all about building a new lawn, preparing the seed bed, what to sow, maintenance and care, improving an old lawn, Bent lawns, how to control lawn pests, etc. We send it free with every order, if requested, or you may have a copy by writing for it, inclosing postage.

Newest, Quickest  
Way To Apply  
Plant Food to  
Your Lawn



The old messy way is done away with by the use of this new patented device.

Packed in a compact box—full instructions for assembling in the package.

It is so simple to operate that a child can run it. No wasting of fertilizer as it is efficient and does the fertilizing quickly. You'll find it fun to operate it. May also be used for sowing lawn grass. Price: 85c, postpaid \$1.00.

### LAWN AND GARDEN NOVELTIES



prepaid. No. 6. Bull Dog, 11x11 in. (black and white), each 90c, ppd. No. 7. Same price as No. 5.

Put life into your landscape planting, perennial borders, or out-door living room with these unique gay colored novelties. Made of finest quality  $\frac{3}{4}$ -inch pine, highly finished with three coats of paint and weather-proof varnish. A 6-inch steel peg at the bottom holds the subject firmly in the soil. These are new, novel and attractive. They make excellent gifts and will last for years.

Price: No. 1. Sun-Shine Sally, \$1.40, prepaid. No. 2. Rabbit 13 $\frac{1}{2}$  inches high by 6 $\frac{1}{4}$  inches (white and black), 70c, prepaid. No. 3. Squirrel, 10x8 $\frac{1}{2}$  inches (brown), 70c each, prepaid. No. 4. Sunbonnet Girl, 22 $\frac{1}{2}$  inches high (red and white or blue and white) (sprinkling can not be included), \$1.40, prepaid. No. 5. Small Dog, 11x13 inches (black and white), each 70c.



# PASTURE AND MEADOW MIXTURES



Many Tons of Palatable Hay good for all Livestock, were Produced from this Timothy and Alsike Meadow.

## PASTURES ARE PROFITABLE

Pastures furnish not only one-half of the total feed for animals, but the only really cheap feed.

The better management and improvement of pastures is one of the most important needs of American agriculture. Well-planned and properly-managed pastures not only provide a large amount of nutrition for livestock, but also serve to keep down weeds.

By the use of pastures, animals harvest their own feed, chores are reduced, the manure is left on the land, animals have a better choice of feed, and gains are cheaper.

All classes of livestock do well on pastures which are very important to the health of these animals and economy of production.

Combinations or mixtures of suitable pasture plants are generally more desirable than one kind of plant seeded alone. The mixture affords variety, adds palatability and often increases the production per acre. A single grass or legume may fail to make a good stand when others catch well. Very frequently gaps or open places are filled up by a mixture. It is considered very important to include both grasses and legumes in pasture and meadow mixtures.

### TIMOTHY AND ALSIKE MIXTURE

#### Permanent and Productive

1. It makes an excellent permanent pasture as both grasses are perennials.
2. It may be grown on slightly acid soil where Red, Sweet Clover or Alfalfa do not thrive.
3. The hay produced is very leafy, of fine quality and richer in protein than Timothy alone.
4. More tons per acre can be produced.
5. Fertility will be added to the soil through the Alsike, and the Timothy will grow much better as a result.
6. All classes of livestock like the hay.
7. Good returns may be expected on uplands as well as lowlands.
8. Timothy and Alsike mixed will produce more feed per acre than if two separate fields of Timothy and Alsike were grown for hay and mixed.
9. More seed is produced per acre than from two separate fields of Timothy and Alsike. This allows us to make a lower seed price to the farmer than if he bought Timothy and Alsike seed separately and mixed them.

We offer two mixtures of Timothy and Alsike. One contains 20% to 25% Alsike, and is a very popular mixture, grown to a great extent. For those who wish a larger percentage of Alsike, we supply a mixture having 30% to 35% Alsike. This mixture is becoming increasingly popular and we believe that from now on it will be in as big demand as the 20% to 25% mixture. Sow about 12 lbs. of either mixture to the acre. Price: Lb. 40c, 5 lbs. \$1.75, postpaid. For prices on larger quantities, see Blue Figure Price List.

F. S. & N. Co.

April 2, 1934.

I seeded Sudan Grass last year and had very satisfactory results. I harvested a very fine crop and had good pasture after the crop was harvested until very late in the fall. I seeded Sudan Grass alongside of oats, on the very same ground, and wish to say that the Sudan Grass yielded two times more than the oats. I seeded this grass on high, sandy soil where not much of any other crops would grow good. I am going to seed it on better ground this year and expect a fine crop.

David Couillard, Saum, Minn.

### ALL SEASON PASTURE AND MEADOW MIXTURE

For all soils except low, wet ground. We offer this special pasture and meadow mixture designed to supply hay or grazing throughout the entire season. This mixture is made up of hardy, strong-rooted grasses and clovers and will resist the extremes of our cold northern winters and hot, dry summers; also endures close pasturing.

Pasture and hay lands, when used for feeding livestock, have shown more profits than most other kinds of crops. In the government program to curtail production of grains and corn, pasture and hay combinations are recommended to be planted on those acres which otherwise would be idle. In the past there has always been a shortage of high quality hay in many sections of the country and it will be many years before an oversupply can be produced.

This All Season Mixture includes Kentucky Blue Grass, Timothy, Red Top, Alsike, Red Clover, Brome Grass, Meadow Fescue, and Domestic Rye Grass in proper proportions. Sow at the rate of 25 lbs. per acre. Price: Lb. 45c, prepaid. Not prepaid, 10 lbs. for \$3.25. See Blue Figure Price List for larger quantities.

### MIXTURE FOR LOW WET GROUND

For land that is occasionally overflowed. This pasture and meadow mixture contains grasses that withstand overflowing of the land without being drowned out. The following mixture has proved most satisfactory for this purpose: Red Top, Timothy, Alsike, Brome Grass, Domestic Rye Grass and Reed Canary Grass, mixed in the proper proportions. After a few seasons, the Red Top, Brome Grass and Reed Canary Grass will predominate, giving you a permanent pasture or meadow that will yield many tons of hay having high feeding value.

Where a single grass is preferred, we would recommend Reed Canary Grass. (See page 58.)

Sow 20 to 25 lbs. per acre. For top seeding, sow 10 to 15 lbs. per acre. Price: Lb. 45c, prepaid. Not prepaid, 10 lbs. for \$3.25. See Blue Figure Price List for larger quantities.

Master Quality Baby Chicks are offered you at real low prices and you need not send one cent. They will be sent C. O. D., postage paid. We guarantee 100% live delivery. See insert in back of this catalog.

### PERMANENT HOG PASTURE MIXTURE

Permanent Hog Pasture Mixture contains the following mixed in the right proportion to produce the greatest feeding value:

Alfalfa.	Meadow Fescue.
Red Clover.	Domestic Rye Grass.
Alsike Clover.	Bromus Inermis.
Sweet Clover.	Timothy.

This mixture can be sown any time, from early spring until midsummer, and does not require any particular kind of soil, in fact, any soil that produces crops of small grain or corn, will answer the purpose. Because of the large amount of clover and alfalfa it contains, it serves the double purpose of providing the hogs with pasture of high feeding value, and building up the soil at the same time. Sow 25 lbs. per acre. Price: See Blue Figure Price List.

### ANNUAL HOG PASTURE MIXTURE

ONE ACRE ENOUGH FOR 40 SPRING PIGS OR 20 OLDER HOGS

This mixture was put up to meet the demand for a pasture that will develop young pigs rapidly, and produce pork at a minimum cost. It contains all the necessary body and bone building elements, and will prove much more economical than the use of corn, grain and mill feed throughout the year. A good pasture of legumes, grasses and grains, will keep hogs in healthy condition, fatten them quickly, so that but little corn is required to finish them off. Our balanced ration mixture consists of the following in the right proportions:

Amber Cane.	Rye.
Vetches.	Oats.
Field Peas.	Dwarf Essex Rape.
Barley.	Sudan Grass.

One acre of pasture sown to this mixture is sufficient for 30 to 40 spring pigs, or 15 to 20 older hogs. It is best to divide the hog pasture into two parts and change the hogs from one section to the other, about once a week, to give the grains and grasses a chance to recuperate. Sow at the rate of 60 to 85 lbs. per acre. Price: See Blue Figure Price List.

We offer free, if requested, with an order for Pasture and Meadow Mixtures of \$2.00 or more, the valuable booklet entitled, "Our Pastures—They Deserve Better Care," Published by the International Harvester Co.



# HARDY GRASSES

## REED CANARY GRASS—CERTIFIED (*Phalaris arundinacea*)

The Peat and Swamp Land Wonder Grass

There is a reason for the great popularity of Reed Canary Grass. It has reclaimed many worthless swamps and is making real profits for hundreds of farmers. It is especially adapted to boggy soils, swamps and marshes.

Reed Canary is not a new grass, but has been grown in central Minnesota for about 30 years.

### Six to Ten Tons of Hay Per Acre

Such yields are not unusual. The hay has high feeding value and is eagerly consumed by all livestock. One acre will pasture three to four dairy cows throughout the season. The great demand for Reed Canary Grass Seed also is a source of a fine profit.

### A Hardy Perennial Grass

Reed Canary Grass is a perennial and will thrive until broken up. The plants are cold resistant—both as seedlings and in the mature stages. Reed Canary Grass is not a dangerous grass like Quack, but can be easily controlled by plowing. This grass grows rapidly, beginning early in the spring. The heads appear about the first week in June and are ripe about four weeks later. Leaves are broad, light green in color, and the plants often grow five to six feet in height. The underground stems rapidly form a tough sod that will hold up hay-making machinery without difficulty.

### How To Grow the Crop

Prepare a good seed bed, for it will take less seed and make a better stand. If possible, plow in the fall which allows early seeding in the spring. The seed will germinate in water, but if covered by soil underneath the water, it will not grow until the water has drained off.

### Rate of Seeding

Sow the seed in the spring as early as possible so that the seedlings may become well established before the weeds begin to grow. On very weedy land, seed the last week in June or the first week in July, disking your land up to this time in order to kill the weeds. Seeding may also be done in August or in October if there is any difficulty in getting onto your land in the spring. The seed should be sown at the following rate—broadcast, 5 to 6 lbs. per acre; drilled, 2 to 3 lbs. per acre in 16 to 18-inch rows. Use a packer on peat after seeding.

Reed Canary Grass will produce an abundance of pasture from early spring until fall. It should be kept grazed very close except in the fall. For hay, cut as soon as the heads begin to appear as the grass contains the highest feeding value and is finest at this stage. Two or three crops of hay and some fall pasture may be obtained by such a practice. Price: Lb. 90c. Subject to price change. See Blue Figure Price List.



Reed Canary Grass as It Grows in Minn.

Mr. George Boucher of Waseca Co., says:

"Our experience with Reed Canary Grass this year (1934), has convinced us beyond a doubt that it is one of the greatest forage plants known to man. Although the drought this year was so severe that it just about killed the other grasses, our Reed Canary Grass gave us a yield of over two tons of hay per acre and as a pasture crop, it excelled Sweet Clover."

"The University Farm purchased two car-loads of hay for experimental purposes and speaks very highly of it."

"Our Reed Canary Grass is all grown on low, wet, undrained ground and in normal years gives us four to five tons of hay as well as more than 100 lbs. of seed to the acre."

"We planted 45 acres more this fall, the first week in November, 1934."

"Where seed production is desired, I harvest the seed about the first of July and the hay crop immediately afterward. The second growth may be pastured or reserved for another crop of hay. Reed Canary Grass makes the earliest grazing of any grass."

### TIMOTHY

A hardy, perennial resistant to both cold and drought—it is best adapted for sowing with Clovers which supply nitrogen to the soil and increase the vigor of the Timothy. It may also be sown with grains as a nurse crop. The soil must be well pulverized and the seed slightly covered. Do not cut too early or pasture too late in the fall after the hay is cut. Timothy produces 1 1/2 to 3 tons of hay per acre and should be cut at flowering time. Sow 15 to 20 pounds per acre alone; with Clover, 10 to 12 pounds per acre. Price: Lb. 40c, 5 lbs. \$1.75, postpaid. See Blue Figure Price List.

### KENTUCKY BLUE GRASS

This famous grass does well almost everywhere on soil that is fairly rich, moist and moderately well drained. For best results, there should be lime present in the soil. Kentucky Blue Grass will last for many years as the plants spread from underground roots and it rarely needs reseeding. Blue Grass is the best of all grasses for lawns, golf courses and parks. When sown alone use 35 to 40 pounds per acre. Price: Lb. 40c, 5 lbs. \$1.75, postpaid.

### BROMUS INERMIS

Bromus is a vigorous, hardy perennial with strong, creeping roots which makes excellent hay and pasture on poor, dry soil or on moist, low ground that is flooded at times. It may be sown on hillsides, terraces and levees to keep the soil from being washed away. It makes an early growth, two to three weeks before any other grass, and remains green until November. It will stand close cropping.

It grows 3 to 4 feet high, yielding large crops of palatable hay, 2 to 4 tons per acre. Cut for hay when in full bloom. It is also a profitable seed crop.

Sow at the rate of 25 to 30 pounds per acre with one-half the usual quantity of small grain. Price: Lb. 45c, 5 lbs. \$2.00, postpaid.

### MEADOW FESCUE

This hardy western grass stands more abuse than Timothy and other grasses and will stand close cropping, drought and unfavorable soil conditions. Meadow Fescue grows two to three feet high and produces a very leafy undergrowth. In sowing alone, use 20 to 25 pounds per acre. Price: Lb. 30c, 5 lbs. \$1.25, postpaid. See Blue Figure Price List.

### DOMESTIC RYE GRASS

This grass is well adapted for pastures, meadows and lawn, as it endures close cropping and makes a dense, leafy undergrowth. It thrives almost everywhere but grows best in moderately rich soil. Domestic Rye Grass does better on moist soil, sow 20 to 30 pounds per acre. Price: Lb. 30c, 5 lbs. \$1.25, postpaid. See Blue Figure Price List.

### CREEPING BENT GRASS

This grass makes a fine, dense, firm turf which withstands hard usage; it is ideal for lawns, terraces, and putting greens on golf courses because it makes a compact sod due to its spreading habit. It makes rapid growth in a year, crowding out other grasses. Our seed is true to name and of finest quality. Sow 3 to 4 pounds per 1,000 square feet. Price: Lb. \$1.25, 10 lbs. \$12.00, postpaid. See Blue Figure Price List.



After Harvesting Reed Canary Seed, a Hay Crop Can Be Cut Immediately.

### RED TOP

A hardy, perennial grass, found almost everywhere, but predominating on low, marshy ground, where it forms luxuriant growth. It grows 2 to 5 feet high, depending on soil and climatic conditions, with creeping roots, which enable it to grow on very wet and even very dry soil where other grasses grow but sparsely. It makes good pasture, and fair hay, if cut early, but the matured plants are wiry and coarse. It is best grown with other grasses and clover. Price: Lb. 30c, 5 lbs. \$1.25, postpaid.

### HARBIN LESPEDEZA

U. S. D. A. Strain No. 65280

Harbin Lespedeza is a hardy drought-resistant early strain of Korean Lespedeza introduced from Manchuria. It is designed to fill a big gap in the pastures of the northern states where other clovers and alfalfas cannot be grown to advantage.

Harbin Lespedeza makes its best growth in summer when pastures become brown and bare. It grows readily in sour soil and matures seed even north of the Canadian border. Harbin will find a place on worn acid fields and on barren patches of permanent pastures. Its habits of growth make it fit ideally into a pasture improvement program as it loves hot weather and is very drought-resistant.

Harbin is a legume and should be inoculated in order to improve the soil. It will also prevent erosion as it grows rapidly and does well on bare spots and in ditches.

Harbin Lespedeza will produce as much as 600 lbs. of clean seed per acre. It is important to buy northern grown seed as some of the southern grown Lespedeza seed looks very similar to Harbin, which sold for \$10.00 to \$15.00 per lb. in 1934, and while the seed production is greater this year yet there will not be enough to go-around.

For a rapid seed increase, plant Harbin in 18-in. rows and cultivate, using about 1 1/2 lbs. per acre. For pasture purposes, plant 5 to 6 lbs. per acre in 6-in. drills. Fields planted in rows will reseed themselves the following season, producing a dense growth which will then continue indefinitely. When harvested for seed, a mower should be used and the cutting bar placed close to the ground. The plants are gathered in bunches as soon as cut and allowed to sweat out and threshed from the field with a separator or a clover huller. A sheet iron pan with a slotted top attached to the cutting bar will help to catch seed that shatters. Seed also may be cut and gathered by hand. Price: Single lbs. \$1.50, 5 lbs. \$6.25, 10 lbs. and more \$1.00 per lb., postpaid. Subject to price change.



# HARDY NORTHERN GROWN ALFALFA



A very small Alfalfa Seed Crop was grown in 1934. A larger crop of the non-hardy seed was grown in the southern states. Again we strongly urge our farmer friends in the northern states to plant hardy northern Alfalfa Seed which they know is adapted to their needs. We cannot too strongly emphasize the importance of knowing where your Alfalfa and other grass seeds are grown. The United States Seed Verification Service gives to the buyer of Alfalfa Seed proper assurance that such seed was produced where stated on the verified origin seed certificate attached to each bag. This service was inaugurated by the government

## GRIMM ALFALFA

Grimm Alfalfa was introduced by Wendelin Grimm in Carver County, Minnesota. It is a very hardy, time-tried variety, and has been tested thoroughly throughout the United States, in many foreign countries and Canada. It has many lateral or branching roots which are not found in Common Alfalfas, and has large spreading crowns. It appears to grow better where there is a hardpan subsoil to contend with than many other varieties. The root system undoubtedly plays a big part in its hardiness, enabling it to withstand soil heaving, freezing and thawing, better than varieties having only a single taproot. The blossoms of Grimm Alfalfa are variegated from white and yellow to deep purple.

### WHICH GRIMM ALFALFA SHALL I BUY

The hardiest strains of Grimm Alfalfa are produced in Minnesota, Dakotas, Montana and Idaho. Seed grown in any of these sections is very hardy. Since Minnesota is the home of Grimm Alfalfa, many prefer this seed, but as it is only grown in limited quantities, there is not enough to go around. We have specialized in Black Hills, South Dakota grown and Montana Alfalfas because not only are they hardy but also because the finest quality seed is produced there. You can depend upon this seed being free from noxious weeds as we buy it only from farmers who have clean fields.

Remember that any strain of Grimm Alfalfa that we offer, whether Minnesota, South Dakota, Montana or Idaho grown, will give you the desired results.

### STATE SEALED GRIMM

This refers to Grimm Alfalfa Seed grown on registered fields which are inspected and the seed graded and sealed by state authorities. We offer registered grades of Grimm Alfalfa from Minnesota, Montana and Blackfoot, Idaho.

Price: Per lb. 55c, postpaid. See Blue Figure Price List for larger quantities.

### GROWERS AFFIDAVIT GRIMM

Not for Sale in Minnesota and Wisconsin

This refers to genuine Grimm Alfalfa which traces back to registered fields but which has not been state inspected and sealed. It is covered by a grower's affidavit showing it is true Grimm Alfalfa, and we know that it is dependable. Sale prohibited by law in Minnesota and Wisconsin in order to eliminate dishonest sellers of seed. Price: Per lb. 50c, postpaid. See Blue Figure Price List for larger quantities.

### VARIEGATED ALFALFA

For Sale in All States.

Variiegated Alfalfa is of a type very similar to Grimm with blossoms having a color range of white, yellow and purple. It is thought by many to be of the same origin as Grimm but no definite records of the origin were kept so it cannot be definitely stated from what variety it came. It has shown itself to be completely hardy in the most severe climate of Minnesota, the Dakotas and Montana and can be recommended as being very desirable for seeding in any part of northern United States where winter hardiness is essential. Price: Lb. 50c, postpaid.

We quote prices on small quantities of Alfalfa postpaid. For prices on larger quantities, see Blue Figure Price List.

We offer two valuable booklets, entitled, "Alfalfa in the Northwest," and "Alfalfa for Feed, Seed, and Fertility"—either one free with your order.

when it was found that unscrupulous seed dealers were substituting strains that were non-hardy or otherwise unadapted, in place of those that were entirely adapted to the colder sections of the country.

The government has authorized seedsmen who meet with the prescribed regulations to be verified origin dealers. We have qualified as such and any Alfalfa that we send you will be sealed and tagged, either with United States Verified Origin Certificates or with a Certificate of the authorities in which state the seed is grown. Look for the Verified Origin Seed Tag or an authorized state tag on every bag.

## LADAK ALFALFA

Ladak Alfalfa was introduced in the United States in 1910 from the mountain regions of northern India by the U. S. Dept. of Agriculture. It was planted at Havre, Montana, in 1916 and showed practically no killing for the next ten years, while the injury in other varieties was quite noticeable. Because of its hardiness it therefore attracted considerable attention.

In the Alfalfa hay producing states a disease called wilt has begun to affect production. **Ladak is highly resistant to the wilt disease.**

Dry weather also affects production in many states. **Ladak resists drought and produces a good yield of hay when other varieties are practically at a standstill.** Where winter hardiness is a big factor in growing alfalfa, **Ladak is superior as it withstands the most severe winters.**

Experimental data have shown that **Ladak is fully as good and possibly superior to other good varieties of Alfalfa in respect to quality of hay.** It is very leafy and of high feeding value. Under dry land conditions, it is especially of high quality. **Ladak has excellent yielding ability in both dry and humid regions, a high degree of winter hardiness, a good quality of hay coupled with considerable resistance to drought and bacterial wilt which disease has caused much damage in other varieties, all of which make a combination of characteristics that**

## COSSACK ALFALFA

**State Registered and Certified Grower's Affidavit Strains.** Cossack Alfalfa was brought over from Siberia by Prof. Hansen of the South Dakota Experiment Station some years ago. This strain, under observance for five years in Russia, during which time not a single plant winterkilled, was proven to be absolutely hardy.

In recent years, the demand for Cossack has been increasing and there never has been sufficient seed to take care of all requirements.

Cossack Alfalfa produces a somewhat finer hay than many of the other varieties and is equally as hardy as Grimm.

Cossack Alfalfa seems to withstand intense cold, heat and drought equally well. The flowers, like those of Grimm, have a great range of colors, white, purple, yellow, striped, etc. We advise sowing 15 lbs. per acre. Price: Per lb. 55c, postpaid. See Blue Figure Price List.

will give Ladak a large place in the Alfalfa hay producing sections of the United States.

Ladak produces a larger first cutting than other varieties, which makes it particularly well adapted to regions where only one or two crops are produced each year because of limitations from drought or the length of the growing season. Price: Per lb. \$1.25, postpaid, 5 lbs. for \$5.75.

## HARDY COMMON ALFALFA DAKOTA NO. 12

## MONTANA COMMON

This strain resembles Dakota No. 12 in hardiness, yields and quality of hay. The climatic conditions under which it is grown are as severe as any found in this country and consequently only those plants that are hardy have been able to survive. We offer you seed from fields that have been established for many years and we can recommend this variety for Northwest conditions. Price: 45c per lb., postpaid.

### NORTHWESTERN ALFALFA

This is a strain of Alfalfa which can be depended upon for the production of large crops of hay or pasture and has proven to be well adapted in the northern part of the country, especially where there is a good snow protection during the winter. Throughout the Corn Belt states there is a very large demand for this variety since it yields a large tonnage of hay. Our seed is grown in Montana and South Dakota. Price: Lb. 45c, postpaid. See Blue Figure Price List.



Hardy Grimm on the left; non-hardy seed on the right.





OUR SEED GRAINS  
SATISFY



Master Farmer Seeds.

From year to year we have endeavored to supply you with proven varieties of seed grains. We have advised you to buy with confidence, feeling sure that you would benefit greatly. From the many letters coming to us daily, we feel that we have not overrated any variety. It is a pleasure to know that our customers, old and new, are finding complete satisfaction and we can therefore present our offerings this season knowing that they will be just as acceptable.



Rust resistance, high yielding ability, good milling qualities make Thatcher Wheat outstanding.

**HOPE WHEAT**

Rust and Smut Resistant.

Since its introduction, Hope Wheat has spread rapidly throughout the spring wheat section. It is the one variety that combines the highest resistance to black stem rust with resistance to smut, root rot, scab and other diseases. What the farmer wants is a wheat that will give good returns every year, and Hope comes nearest being that variety. Until other varieties are proven superior, we recommend growing Hope in the general areas affected by rust, smut and drought.

Hope Wheat is the result of a cross between Emmer (Spelt) and Marquis made by Edgar S. McFadden, a South Dakota plant breeder. It combines the desirable qualities of the Emmer parent, namely flexible straw, resistance to drought, heat, black stem rust and smut, it resists shattering by wind and hail and is well adapted for combine harvesting which appears to be the coming method of harvesting grain in the Northwest. From Marquis it gets its high milling quality as well as many of its plaut characteristics.

For Prices: See Blue Figure Price List.

**CERES WHEAT**

Rust Resistant

Ceres is a hard, red spring wheat developed by the North Dakota Experiment Station. It is a bearded variety quite resistant to rust and an excellent yielder. It has a very good milling quality and is especially recommended for the whole spring wheat section. Ceres Wheat has been grown for a number of seasons and has produced yields from 30 to 45 bushels or more per acre. The plants grow uniformly, and under normal conditions will produce three to four plump kernels in each spikelet. Ceres was the first rust resistant variety put on the market.

For Prices: See Blue Figure Price List.



All seed grain, wheat, barley and oats are susceptible to smuts of various kinds, which reduce the yields from 10 to 50 per cent, in many instances. Some varieties are attacked more vigorously than others, but no matter how severe the attack, smut can be controlled almost entirely, by simple methods.

Grains with hulls, such as oats and barley, may be treated for smut with formaldehyde, 1 pint to 40 gallons of water. The seed is put loosely into burlap sacks, and dipped into a barrel containing the solution. Any druggist can supply formaldehyde.

The garden seeds I got from you last year were just fine. We had a good garden all summer in spite of the dry season here and the F. S. & N. Co's Silo Corn was just Surprising. It yielded about three times as much fodder to the acre as the No. 13 for filling the silo. Nick Schirmerr, Box 86, Avon, Minn.

March 1, 1934.

**QUALITY SEED GRAIN**  
NEW DEVELOPMENTS IN GRAIN BREEDING

**GROW THE BEST  
FOR PROFIT**

On the following pages some of the outstanding varieties listed are Hope and Thatcher Wheats; Glabron, Velvet and Wisconsin Pedigree No. 38 Barleys; Anthony, Minrus, and Logold Rust Resistant Oats. These varieties will be in great demand because they have been especially bred to meet adverse conditions as well as to take advantage of good growing conditions. A down payment will hold seed until wanted. Balance when shipping instructions are given.



Master Farmer Seeds.

**THATCHER WHEAT**

Rust Resistant, Certified.

A New Triumph of the Minn. Exp. Station.

Thatcher is the newest wheat variety introduced. It is more rust resistant than other varieties now on the market with the exception of Hope. It is a beardless variety and is very similar in its appearance to Marquis which has been the standard variety for many years. It is early maturing and, therefore, may be grown quite far north without danger of being damaged by early frosts. It is very stiff strawed and will stand up well on rich soil. The yielding ability of Thatcher Wheat is greater than most other varieties adapted to the Northwest conditions, producing 4 to 5 bushels more per acre than the best of varieties now being grown.

Tests made over a 5-year period by the Minnesota Experiment Station show Thatcher equal to Marquis in milling and baking qualities. This is a decided advantage and it will command a premium on the market.

Thatcher was generally distributed to approved growers in 1934 but due to the extreme drought the production was cut considerably so that with the large demand there will not be enough to cover all requirements.

**MARQUIS WHEAT**

This has been the standard spring wheat variety grown throughout the Northwest for over fifteen years. It is an excellent yielder in seasons when there is no black stem rust. The milling and baking qualities are very fine and it ripens along with other early grains.

**MINTURKI WINTER WHEAT**

Minturki is the outstanding hardy winter wheat. It is a high yielding bearded hard red winter variety of high milling and baking quality and good protein content. It is stiff strawed and stands up well on rich land.

For Prices: See Blue Figure Price List.

**SEED DISINFECTION TO PREVENT SMUT**

The covered smuts that affect wheat, hulless barley and rye can be controlled by dusting the grain with copper carbonate dust. Only 2 to 3 ounces per bushel are required. The germination of the seed is stimulated and the seed is in no way injured. This is the very best kind of crop insurance. This dust may be bought at your drug store.

**THE BEST TREATMENT IS NEW IMPROVED CERESAN.** This is a dust and is much more effective and easier to handle than formaldehyde. It can be depended upon to control smut in oats without lowering the germination. It is very economical to use,  $\frac{1}{2}$  ounce per bushel being sufficient.

Price of Ceresan: 1-lb. tin 75c, 5-lb. tin \$3.00. Postage extra.

Write for circular giving full details about Ceresan.

**THIS IS THE YEAR TO START WITH "MASTER QUALITY CHICKS"**

You can now order baby chicks C.O.D.—postage paid. These are real quality chicks with a 100% live delivery guarantee. We have the breeds you want at lowest prices. See insert in back of catalog.



# NORTHERN GROWN SEED BARLEY



Our Smooth Awn Barleys Are High Yielding, Stiff-strawed, Easy to Handle and Most Profitable.

## QUALITY SEED BARLEY PAYS

The Agricultural Extension Division of the University, under the supervision of Mr. Ralph Crim, conducted a series of meetings throughout southern Minnesota to discuss barley problems. It was pointed out at these meetings that many growers had been allowing the better prices paid for malting barley to be taken away from them because so much of the home-grown barley was unfit for malting.

By use of the proper varieties of barley, coupled with good growing conditions and cultural practices, it was clearly shown that barley suitable for the maltster, which brings a higher price, can be easily grown.

Malting barley should be mellow and not hard or flinty—to bring this about, the grain should be allowed to ripen thoroughly. Malting barley should be plump and heavy and must be free of diseases and of mixtures such as wheat or oats.

### VELVET BARLEY

#### Minnesota No. 447—Certified

The demand for Velvet Barley has been steadily increasing each year since its introduction. If you have not tried this outstanding variety, we suggest that you get started with it this year, for it is one of the best smooth-bearded varieties now being grown.

Velvet originated from a cross between Luth, a rough awned, six-rowed barley of the Manchurian type and a smooth awned variety. It is a most excellent yielder, producing as much grain as Manchuria. The straw is quite stiff, the lodging percentage being no greater than that of other stiff-strawed varieties. Velvet appears to be more disease resistant than other varieties. With its smooth beards or awns, Velvet has a very distinct advantage over the rough awned types since it has no barb that will stick in the clothing or get into the flesh. Therefore, it can be handled much more easily.

Velvet is in great demand by the manufacturers of malt and there is every indication that the limited supply of this variety will be quickly exhausted before planting time.

We have many excellent reports from all over the northern part of the United States about Velvet Barley. Each year many carloads of this variety are shipped into Iowa, Illinois, Indiana, Ohio, Pennsylvania and other states, and we have had many inquiries for carlot shipments into these sections during the present season.

Once you try Velvet or other smooth-bearded varieties, you will not want to change back to the rough types. We offer Velvet Barley Seed, certified by the Minnesota Crop Improvement Association which gives you assurance of obtaining the true variety of the very highest purity. See Blue Figure Price List.

### BUCKWHEAT

Buckwheat makes an excellent catch crop, or it may be sown after harvesting winter wheat or rye. It is also good to sow on newly broken ground, but its greatest value lies in the fact that it is the best and surest means of getting rid of quack grass.

**JAPANESE**—Large kerneled, dark brown, and early. It is very productive, and an excellent feed for cattle and hogs. Sow from June 1 to July 1, at the rate of 3 pecks to the acre.

**SILVER HULL**—A thin shelled buckwheat, with silvery grey kernels of medium size, very sound. Silver Hull is a prolific grower and heavy yielder, and makes fine buckwheat flour. Excellent for bees.

A uniform size kernel is necessary, and in order to obtain these qualities, the grower should know that his seed is dependable.

At these meetings it was pointed out that pure seed of malting barleys was relatively scarce and insufficient for the acreage to be seeded. Those buying seed should be careful, inasmuch as much seed is badly mixed with other varieties of barley and with oats in particular. It pays to buy certified recommended varieties—outstanding of which are Wisconsin Pedigree No. 38 and Velvet Barley.

It is emphasized that this is no time to increase barley acreage, but rather to improve the quality of the barley grown for market.

Remember you can depend upon "Master Farmer" quality seed for giving the greatest satisfaction and results.

A down payment of 25% will hold seed until wanted; balance may be paid at the time shipping instructions are sent.

### WISCONSIN PEDIGREE NO. 38 BARLEY

#### The New Heavy Yielding Smooth Bearded Barley—Certified

This variety was developed by the Wisconsin Experiment Station by crossing a black smooth-bearded barley with Oderbrucker which is a standard white kerneled variety. They succeeded in obtaining a number of strains from this cross that were smooth-bearded with white heads and from these strains careful selections were made for size of heads and kernels, resistance to disease, stiffness of straw and yielding ability.

Wisconsin Pedigree No. 38 Barless Barley has the following outstanding characteristics:

**First—Smooth-Bearded.** This feature makes the barley very easy to handle and because of this, it has stimulated production of barley to a great extent.

**Second—Resistance to hot weather.** This barley appears able to withstand a greater degree of heat than many other varieties of barley which are now being grown. It matures a few days later than Glabron and Velvet; but with its resistance to hot weather and long, stiff straw, it is able to stand up and develop larger kernels than some of the earlier varieties.

**Third—Yields heavily.** Wisconsin No. 38 Barless Barley has shown its ability to outyield other varieties and has produced as high as 70 bushels or more per acre. In Wisconsin tests, this variety has always outyielded any of the common barley grown in comparison with it.

**Fourth—Finest for malting.** Wisconsin No. 38 Barless Barley is greatly desired by the manufacturers of malt and will command a premium over many other varieties on the market. See Blue Figure Price List.

### GLABRON BARLEY

#### Minnesota No. 445—Certified

The plant breeders of the country are striving at all times to give the farmers new varieties of merit. This is especially true at the Minnesota Experiment Station where the most able plant breeders of the country have given you Manchuria (Minn. No. 184) and Velvet (Minn. No. 447) Barleys among other varieties. Now we are able to offer you their newest barley origination known as Glabron Barley.

Glabron is the result of a cross between Smooth Awn and Manchuria. It is smooth-bearded, making it very easy to handle, and the beards thresh clean. With a straw much stiffer than that of most other varieties, it will withstand lodging. It grows slightly taller than Velvet, produces a larger kernel, and yield data show that it will outyield consistently all other varieties. It can be grown throughout the northern half of the country from the Dakotas and Nebraska east, also in the Great Plains area where the rainfall is sufficient.

Barley is being generally distributed to a greater extent this year than any year since prohibition went into effect. The reason for this is that maltsters will need more high quality barley, which in turn will have a tendency to raise the price of feed barley, resulting in greater returns from barley than from many other crops. We therefore recommend to you that you place your order with us early so that you can get the kind of barley that you will require. See Blue Figure Price List.

### NEW ERA BARLEY Improved White Hulless

New Era is the outstanding white Hulless variety of barley now being grown and it is high yielding. It is bearded like Manchuria, but the beards and hulls drop off when threshed, leaving naked white kernels. It is an excellent yielder. See Blue Figure Price List.

### SPELTZ OR EMMER

A valuable grain belonging to the wheat family. Kernels are tightly enclosed in hulls which adhere at threshing. Speltz has a feeding value equal to oats, and only slightly less than barley and corn. It is extremely rust resistant, and will not lodge like other grains, because of its stiff heavy straw. Speltz can be grown on many kinds of soil, rich or poor, throughout Minnesota, Iowa, Wisconsin, and the Dakotas.

Speltz makes wonderful feed and is especially fine for hogs and poultry. Sow 1 1/2-2 bushels per acre, adjusting the drill the same as for oats.

# THE FINEST IN SEED OATS

Severe drought reduced the production of oats in the northwest states during the season of 1934 and many fields were not even fit to cut. There will be a greater demand for seed oats than has ever been known before, and there will not be nearly enough pure seed to take care of all requirements. If you delay ordering your seed oats, you may have to substitute some other crop instead. Remember a down payment will hold your order until wanted and the balance may be sent when you give us snipping instructions.

## Early Varieties

### IOWA NO. 105 OATS

This variety was produced at the Iowa Agricultural College, at Ames, Iowa. It is very early, fine to use as a nurse crop, and is a heavy yielder.

The kernels are of medium size, light yellow, plump and heavy. The oats grow about 4 inches taller than Kherson, with stiff straw that holds up its heavy load of plump grain well. It will grow without lodging, on heavy bottom land where it is impossible to grow many other varieties.

### GOPHER OATS

#### Minnesota No. 674—Certified

Gopher is a white, early maturing variety with straw so stiff and strong that it does not lodge even on well-manured farm land. It is also adapted for growing on peat land. It is without any question the best oats for the rich dairy farms of southern Minnesota, Iowa and Wisconsin and unequalled for sowing with clover and alfalfa as a nurse crop.

This variety was developed by the Minnesota Experiment Station and has become widespread throughout the Northwest. Excellent reports, not only from Minnesota but from North and South Dakota, Wisconsin and Iowa, show that Gopher is still leading in yield, earliness and stiffness of straw. Our growers report 75 to 115 bushels per acre of plump, bright grain.

The oat crop in many sections was very light, having been damaged by adverse weather conditions and the demand for seed will be quite great. Our stocks of high quality certified seed oats are reasonably large, especially the Gopher variety but with the strong demand may not last long.

### LOGOLD RUST RESISTANT OATS

#### Certified

The necessary requirements for any variety of grain are yield, stiffness of straw (resistance to lodging), rust resistance and early maturity. Logold Oats includes all of these which makes it such an outstanding variety.

The development of Logold Oats by the Iowa Agricultural Experiment Station has taken many years. A single plant which differed from the others was selected in 1906 at Iowa City, Iowa, from a plot of Kherson Oats. Until 1925 it was grown in small plots under close supervision so that the characters might be carefully studied, when it was increased under field conditions and compared with other varieties. It proved superior to all other varieties so that in 1925 and 1926 it was increased and distributed to farmers for growing in comparison with the varieties they were already using. The yields reported in 1931 and 1932 are from 80 bushels to 115 bushels or more per acre. We have only a fair supply of high quality seed.

Logold Oats produces heads that are spreading, erect, cream colored and very uniform. The kernels are golden yellow and larger than Iowa No. 105. The straw is coarser than Kherson and is stiffer than any other variety produced by the Iowa Experiment Station. The plants grow about three inches taller than Iowa No. 105 and ripen about the same time and are a few days earlier than Iowa.

### EARLY KHERSON OATS

One of the earliest oats in cultivation. It was introduced by the Experiment Station of Nebraska, and has proved a success in that state, being naturally adapted to sections that are subject to drought. It is a vigorous but not rank grower, producing shorter straw than other varieties, with branching heads and very broad leaves. The kernels are light yellow in color, small, but numerous, and have a very thin hull.

For Prices: See Blue Figure Price List.



Note the Fine Stand and Stiff Straw in This Minrus Oat Field.

## Midseason and Late Varieties

### ANTHONY OATS—Certified

Anthony Rust Resistant Oats (Minnesota No. 686) is a new variety produced from a cross of White Russian (White Tartar) and Victory, it is a midseason type maturing about two weeks later than Gopher or Logold and has a spreading panicle. The straw is about equal in length to Victory and is very strong. Anthony is well adapted to all types of soils but does especially well on those soils that are only moderately fertile.

It is very highly resistant to black stem rust and during the season of 1932 our own fields produced close to 100 bushels per acre while other midseason varieties, not resistant to rust, had broken over and had very poor yields. Anthony excels in weight per bushel and yield.

Wherever it has been grown it met with instant favor and we especially recommend it for those sections where the early varieties do not seem to give the very best results.

### MINRUS OATS—Certified

Minrus matures about half way between Gopher and Anthony; produces white glumes and has a spreading panicle. It is about equal in height and stiffness of straw to Anthony and is highly resistant to black stem rust. It was produced by the Minnesota Experiment Station from a cross of Minota and White Russian. The seed was generally distributed during the past two years and the supply was quickly exhausted. As it is so popular, we do not expect our stocks of Minrus to last very long this season.

Observations to date indicate that Minrus will outyield Gopher Oats on any ground except the very richest. Gopher Oats should be used on the rich soils as it is more able to resist lodging under those conditions. Minrus should be very popular on lighter soils where Gopher Oats does not get tall enough to handle well.

Minrus may be grown with varieties of spring wheat as succotash as it is a few days later than Gopher. Minrus has already met with great favor wherever tried.

### SWEDISH SELECT OATS

#### Improved Strain Wis. No. 5.

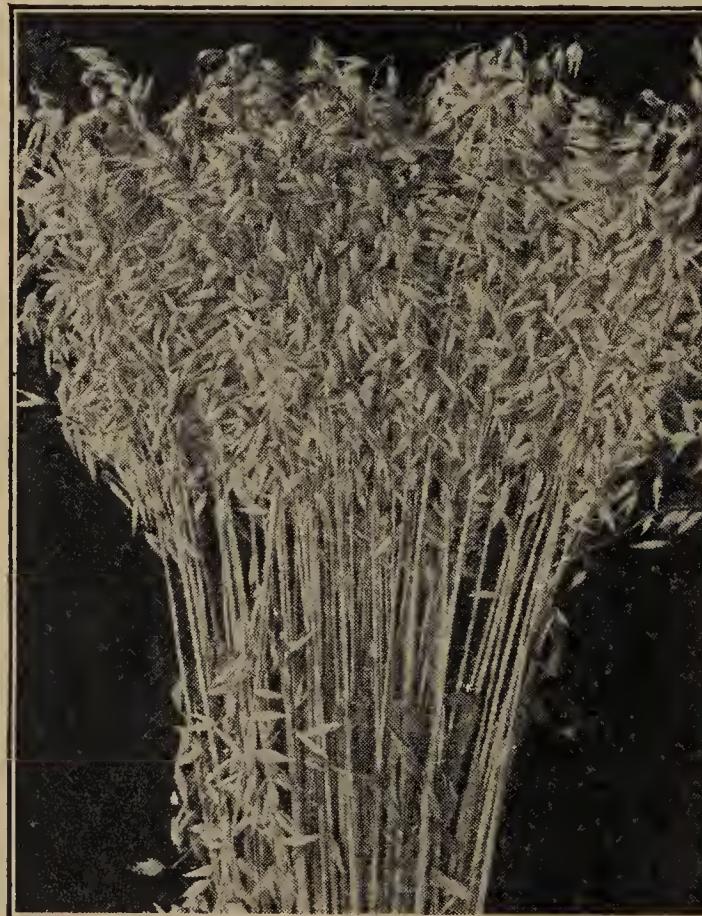
This is a very popular late variety, the kernels are large, plump and white in color. It is a very excellent yielder and is especially well adapted to lighter soils.

### EARLY MINNESOTA WHITE OATS

This excellent variety has been in very great demand since we introduced it, and each year we do not seem to have enough to take care of all requirements. This variety matures about two or three days later than Gopher and has longer straw which is quite stiff. Early Minnesota looks very similar to Minrus although it has not quite the rust resistance.

We cannot emphasize this variety of oats too strongly. In order to fully appreciate Minnesota Early White Oats, grow a few acres, and we feel certain you will continue to grow some of this variety each year.

Early Minnesota White Oats will yield from 75 to 100 bushels per acre on good soil.



Logold—Early, Rust Resistant, High Yielding.

Master Quality Chicks will increase your income. Due to their breeding they will make greater gains than ordinary chicks. They are priced very low and you need not send one cent. They will be sent C. O. D. postage paid. See insert in back of catalog.

SATISFIED CUSTOMERS HAVE BUILT OUR BUSINESS



WHAT THE MAN WHO GREW THE CONTEST FIELD HAS TO SAY ABOUT F. S. & N. CO'S SEED CORN

FAIRMONT CANNING COMPANY  
Fairmont, Minnesota, October 6, 1934.  
Farmer Seed & Nursery Co., Faribault, Minn.

Gentlemen:  
It was our privilege to use some of your HYBRID Seed Corn on a field of fifty acres of field corn which we planted this spring in competition with many others for the National Corn Husking Contest. After a thorough inspection of the fields by the judging committee our field was selected as the field for the 1934 contest, and we want to give due credit to your product in helping us raise this fine field of corn.

We were especially well pleased with the uniformity of this seed. We have as close to a 100% stand as is mechanically possible, there not being any hills missing. This field was estimated by the judging committee to yield sixty bushels per acre, which is outstanding when we consider this season's weather conditions.

Also there were two other points of interest, namely: the very strong root system the plants had, thereby keeping the corn standing straight and the ears of corn have very straight rows, well filled, with practically no nubbins.

We assure you it gives us great pleasure to report to you the results we have obtained from the use of your seed. Yours very truly,

FAIRMONT CANNING COMPANY.  
(Signed) H. E. Blesi.

#### SCENES FROM THE NATIONAL CORN HUSKING CONTEST

At Fairmont, Minn.,  
Nov. 8, 1934.

Where F. S. & N. Co's Hybrid Corn Was Used To Produce the Contest Field.

Top Picture: Part of the 50,000 attending the greatest Sporting Event in Agriculture—The National Corn Husking Contest.

Center Picture: Following the state champions down the rows of flying corn.

Lower Picture: Thousands registered at the F. S. & N. Co's tent for particulars regarding Hybrid Corn and a catalog.

Above Picture: H. E. Blesi, who planted the contest field at Fairmont, Minn., with F. S. & N. Co's Hybrid Corn—See letter.

#### —WARNING—

Don't buy Hybrid varieties of Sweet or Field Corn with the idea of saving your own seed. By doing so these strains will revert and lose their hybrid vigor and productivity. First generation seed only should be planted from the breeding plots of experienced growers operating under the supervision of the Experiment Stations. The extra returns more than offset the seed cost.

See next page for descriptions and Blue Figure List for prices.

Order early as seed supply will not fill the demand.

Farmer Seed & Nursery Co's

# Championship "HYBRID" SEED CORN

Produced a Perfect Field in a Drought Year

The National Corn Husking Contest held at Fairmont, Minnesota, November 8, 1934, made real history for Minnesota.

Ted Balko of Redwood Falls captured the championship for Minnesota. A crowd of 50,000 visitors broke all records for a similar sporting event in Minnesota, and F. S. & N. Co's Hybrid Seed Corn produced the field selected for the National Contest.

Why this field was selected is told in the letter we reprint below, from Mr. Blesi, manager of the Fairmont Canning Co.

It was an eye opener for thousands of farmers who were not fully acquainted with the merits of Hybrid Seed Corn. Advance orders indicate an early sell-out of all Hybrids, and we advise, therefore, to order promptly.

#### What Is Hybrid or Crossed Corn?

Hybrid Seed Corn is the result of a cross produced by controlled fertilization of two or more inbred pure lines. Such hybrid varieties have superior plant characteristics, such as resistance to lodging, more vigorous growth, uniformity of plants, earlier maturity, and most important, an increased yield of higher quality corn having better feeding value.

#### Increased Yields From Hybrids

Hybrid Corn varieties of merit will show increased yields of 10% to 50% or more, and those offered at the present time will show an average of about 20% over the normal open pollinated kinds, adapted to the same locality.

## ADVANTAGES OF PLANTING HYBRID CORN

#### A Perfect Stand

The latest corn breeding developments demonstrate that the heaviest yielding type of corn is a cross between two or more pure inbred strains. A vigorous sturdy plant, a good, sound ear on every stalk, no weak and spindly plants, few nubbins or moldy ears. These are some of the outstanding characteristics of Hybrid or Crossed Corn. All of these desirable features combined, enable this kind of corn to outyield the old standard varieties, year after year and under all sorts of conditions.

Hybrid or Crossed Corn will allow you to plant fewer acres in line with the Government program for reducing the production of corn, and still have enough to take care of your needs at a much lower cost per acre. These additional acres that are taken out of production can always be well planted to pastures and meadows and other recommended crops.

The Minnesota Experiment Station, among others, has been a pioneer in developing hybrid varieties of corn, also our own Plant Breeding Department has been developing new varieties.

#### Hybrid Corn Permits Heavier Planting

The normal planting of corn is 3 to 4 kernels per hill. In regions of heavy rainfall, Hybrid Seed may be planted 4 to 5 kernels per hill. This practice gives even greater yields.

#### Resistance to Drought

Hybrid Corn is very vigorous in development, grows more rapidly and is able to take advantage of soil and weather conditions more readily than the open pollinated kinds. This has led to the statement that hybrid varieties are more drought resistant.

#### Cheap at Double the Seed Cost

The average increase in yield of Hybrid Corn over open pollinated varieties is about 12 bushels more per acre. When corn is worth 50c per bushel, the return per acre would be \$6.00 more than if you grew an ordinary variety. When corn is worth 75c per bushel, the average increased return would be \$9.00 more per acre. One bushel of Hybrid Corn will plant about 7 acres, making a total increased return of about \$63.00 from one bushel of seed. According to our present prices, Hybrid Seed Corn costs about \$1.00 per acre. We cannot supply the large demand for this Hybrid Seed, so place your order early so as not to be disappointed.

## HYBRID CORN VARIETIES

### MINHYBRID NO. 301—ExB 164 WISCONSIN HYBRID NO. 451

(Three-Way Cross)

This hybrid corn is the result of a cross between a strain developed by the Minnesota Experiment Station and an Iowa inbred. It has the maturity of Golden Jewel, Silver King and Murdock, is adapted to the southern parts of Minnesota, South Dakota and Wisconsin, also the northern parts of Iowa, Illinois and Nebraska. It has an unusual ability to withstand windstorms, as it has a very strong stalk with an outstanding root system. It grows medium tall, producing large well-filled ears. After the corn has ripened, the fodder remains green which gives it a higher feeding value.

Under good growing conditions yields of 90 to 110 bus. per acre are not uncommon; and even under adverse conditions of drought and heat, it has proven its ability to yield far more than the farmers' own varieties. In over 300 trials in southern Minnesota and northern Iowa, Minhybrid No. 301 consistently averaged 12 bus. per acre more than standard varieties.

### MINHYBRID NO. 401—ExK

(Double Cross)

This hybrid variety was developed by the Minnesota Experiment Station from inbred lines of Minnesota No. 13 and Rustler White Dent. It is medium in height, leafy and produces a good-sized ear, mixed yellow and white color. The yields of this variety have been consistently high, averaging better than 20% more than local varieties grown in comparison. Minhybrid No. 401 matures 7 to 14 days in advance of other main crop varieties and is not only excellent for early feeding of ripe corn, but for hogging-off purposes. Plant 3 or 4 kernels per hill; under very favorable conditions of soil and moisture, 4 to 5 kernels will give even better results. For hogging-down purposes about 5 kernels will give an excellent stand and many ears of high feeding value. This variety is recommended for the central parts of Minnesota, Wisconsin and South Dakota and also does remarkably well in the southern sections of these states.

### MINHYBRID NO. 402—ExI

(Double Cross)

Very similar to Minhybrid No. 401, having the same parentage, Minnesota No. 13 and Rustler White Dent, but the plants are slightly smaller, and it is two or three days earlier. The yield is about the same, having shown 15% to 20% or more increase over the normal open pollinated kinds. This variety is adapted especially to central Minnesota, Wisconsin and South Dakota, and may be grown as far south as the Iowa line and as far north as St. Cloud and Moorhead under favorable conditions.

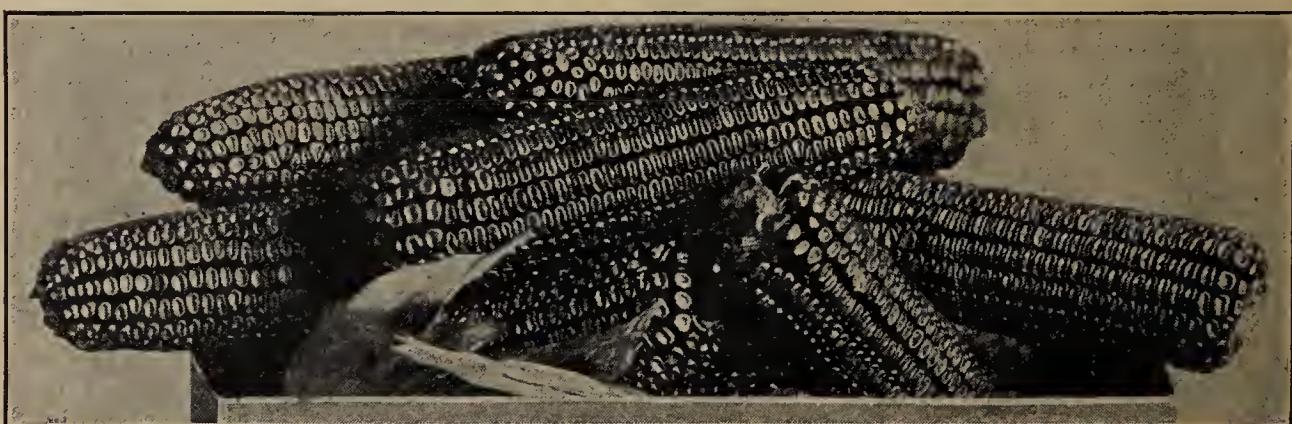
## STANDARD OR OPEN POLLINATED VARIETIES

### CERTIFIED STRAINS OF MINNESOTA NO. 13

Minnesota No. 13 was developed by the Minnesota Experiment Station. The original strain was adapted to central and southern Minnesota conditions but would not produce mature corn in the northern part of the state. To meet this requirement for earliness and also a demand in the southern section for a larger type, two new strains were developed known as the Extra Early and Southern or Large Type Minnesota No. 13. We offer all three strains.

### LARGE TYPE OR SOUTHERN STRAIN NO. 13

This strain is particularly adapted to the southern parts of Minnesota, Wisconsin, and South Dakota, northern Iowa, Illinois and Nebraska. The ears are smooth, deep yellow in color, 7 to 9 inches in length, with 14 to 16 rows of medium deep kernels. Stalks grow 6 to 7½ feet tall and ears are just the right height for husking, being 3½ to 4 feet from the ground. It matures in about 90 days and produces average yields of 75 bushels per acre on good corn land. We have the finest of stocks and prices are very reasonable this season. Now is the time to get started with new seed.



Minnesota No. 13.

### CENTRAL STRAIN NO. 13

This was the original strain developed by the Experiment Station and is similar to the other strains of Minnesota No. 13 except that it is about a week earlier, maturing in 80 to 85 days. The ears are a trifle smaller but it will yield almost as well as the southern strain and is pretty sure to produce ripe corn practically every year. It is better to have ripe corn every year than to have a larger type that will ripen only two or three years out of five. This corn is grown from seed produced in Meeker County, Minnesota, and is adapted to central Minnesota and Wisconsin and northern South Dakota.

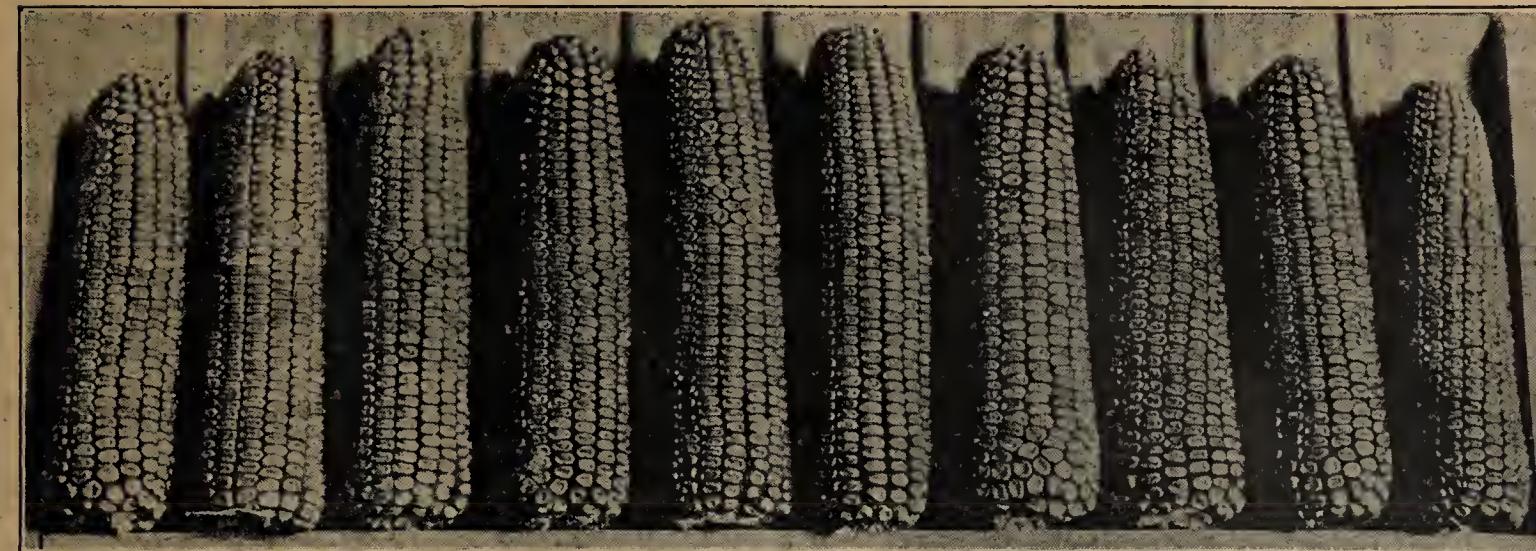
### EXTRA EARLY STRAIN NO. 13

(Northern or Haney's Strain)

This strain is adapted for northern Minnesota, Wisconsin and North Dakota and is the earliest yellow dent corn now being grown. It has the same general characteristics of the other Minnesota No. 13 strains although the ears are necessarily smaller and the stalks grow about 5 to 6 feet tall. It matures very readily under normal conditions, producing as much as 45 to 50 bushels of ripe corn.

### HOW HYBRIDS ARE MADE





Golden Jewel—the most popular open pollinated high yielding Yellow Dent Corn grown in Minnesota.

## BETTER RETURNS FROM FEWER ACRES

Many acres of corn land will be removed from production in 1935, the idea being to reduce the surplus corn produced so that there will be just sufficient to take care of normal requirements. Such acres taken out of production can be profitably planted to pasture and meadow grasses, soil improvement crops, or smother crops. Many farmers have been growing inferior varieties of corn of poor yielding ability, thereby increasing the cost of production so that their land has returned no profits. It would be better to plant even fewer acres of highly bred varieties of corn which have been proven to be adapted to your locality and which will yield considerably more than many of the varieties now being grown.

Yield tests conducted throughout southern Minnesota and northern

Iowa have shown that our varieties are among the highest yielding kinds. We urge all of you who have not yet tried the new hybrid varieties of corn, to give them a trial this season. There will not be enough seed of the hybrid varieties to take care of all requirements and for those who are unable to purchase hybrid seed, we suggest the normal open pollinated varieties that we describe, practically all of which have been certified and approved by the Minnesota Crop Improvement Association, thus assuring you of obtaining seed corn that will give you good results.

Seed Corn prices are still below normal and those of you who did not get started in 1934 with improved varieties can still do so in 1935 at very little cost.

### GOLDEN JEWEL CERTIFIED

Since our introduction of Golden Jewel Corn, there has been no variety of acclimated yellow dent corn in southern Minnesota and adjacent territories that produced such large yields of 70 to 100 bus. or more per acre. Golden Jewel is the result of careful breeding and selection carried on by us on our own farms.

In trials during the past few years made by the Minnesota Experiment Station, there was no variety of yellow dent corn that superseded it in quality and yield.

The ears are of a golden yellow color, very compact, 8 to 10 inches in length, 16 to 20 rows of medium deep, square shouldered kernels on a small red cob, and run from a moderately smooth to a slight rough ear.

Golden Jewel produces an abundance of fodder for silage, as the stalks will grow 7 to 8 feet or more tall and the leaves are broad and succulent. It is what is known as the 95 to 100-day corn. It is especially adapted to southern Minnesota, South Dakota, Iowa, southern Wisconsin, Illinois and other Corn Belt states.

### GOLDEN KING CERTIFIED

A New High Yielding, Early Maturing Variety of Great Merit.

Golden King Corn was developed by MacArthur in northern Iowa, near the Minnesota line. It was entered in the Iowa corn yield tests from 1923 up to the present date. It won high average over an eight-year period, the yield being 4 bus. more per acre with 4.3% less moisture than any other variety.

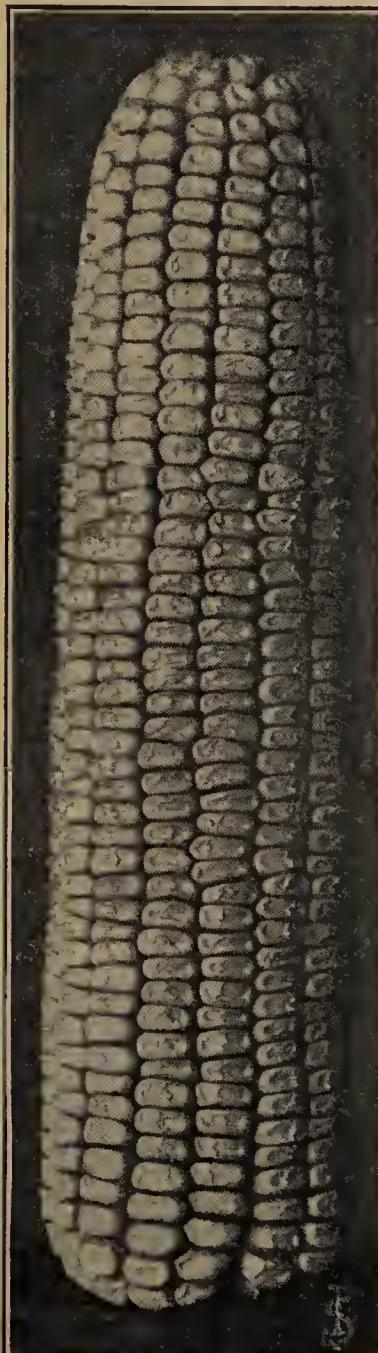
Golden King Corn has been grown in southern Minnesota for a number of years. It made such a good performance that it attracted the attention of the experiment station authorities who have now tested it for three seasons and found that it ripens about as early as the Hybrid varieties and yields among the highest with low moisture content. The market or feeding values are really determined by maturity, dryness and the weight per bushel. In these, Golden King excels all other standard varieties.

We do not hesitate to recommend this variety for the southern parts of Minnesota, South Dakota, Wisconsin and all other states in the Corn Belt.

Golden King shows a much smaller percentage of barren stalks than any of the other standard varieties. It is next to the Hybrid varieties in this respect.

### RUSTLER WHITE DENT CERTIFIED

This early variety, originated in North Dakota, is well acclimated to the Northwest. For early ripening, big yields and compact growth of ears, it is one of the best. The average height of the stalk is 8 feet. The ears are large, closely filled with large, deep kernels. Matures in 95 days. We know of no better all around dependable white dent corn than Rustler and recommend it for all sections of southern and central Minnesota, Iowa, Wisconsin and South Dakota.



Golden King.

### EARLY MURDOCK GOLDEN DENT CERTIFIED

Murdock is a yellow dent variety in appearance quite similar to Golden Jewel except that it has fewer rows. The kernels are medium deep and have a wrinkled to pinched dent. Our strain is about 5 days earlier than the Golden Jewel and it produces high yields of very fine quality. Like the Golden Jewel, it has won many prizes and is very popular. The ears are 8 1/2 to 9 1/2 inches long, of a golden color, fairly compact and uniform. Murdock is grown successfully as far north as central Minnesota and Wisconsin and is an excellent early variety for Illinois, Iowa and other states of the Corn Belt. It matures in about 92 to 97 days. Yield tests show Murdock to be outstanding as it produces from 65 to 90 bus. per acre with an average of about 80 bus.

### MINNESOTA IDEAL CERTIFIED

This splendid large eared yellow dent corn, which we originated, is very productive. It is one of the standard corn varieties which are suitable for southern Minnesota and states of the Corn Belt. Minnesota Ideal is the largest eared yellow dent corn and matures a few days later than Minnesota No. 13. Under ordinary conditions its average yield is 80 to 85 bus. per acre and under favorable conditions and good culture, the yield has been 100 bus. per acre. Minnesota Ideal has a strong, vigorous root system and comparatively stiff stalks which enable it to stand up well. It is also an outstanding silage and fodder corn.

### NORTHWESTERN DENT CERTIFIED

Northwestern Dent Corn is a cross between a red flint and a yellow dent, and has red kernels with light yellowish and cream shadings. No other variety is grown as extensively in North Dakota, northern Minnesota and Wisconsin as Northwestern Dent. Under ordinary conditions, it matures in 85 to 90 days, and under very favorable conditions, in 75 days.

Northwestern Dent yields from 50 to 70 bushels per acre. The ears are of good size, 7 to 9 inches long, bearing 10 to 14 rows of kernels. The stalks average 7 to 8 feet in height, bearing the ears about 3 1/2 feet from the ground.

Because of its earliness and large yields, it is the corn for hogging down.

### SILVER KING OR WIS. NO. 7

Silver King is the best main crop white dent variety for the southern part of Minnesota, Wisconsin, South Dakota, also is suited for northern Iowa and Illinois. It is grown very extensively and constant improvements in the variety have brought us to the point where it will outyield all other white dent varieties and many of the yellow dents. This variety is creamy white in color, with slightly rough kernels. The ears are well formed, 8 to 10 inches long, 16 to 18 rows completely filled to the tip.

Silver King is a strong, leafy grower with heavy foliage which makes it very excellent for the silo. It matures in about 100 days. It is a fine show type corn and has won many prizes.

# FLINT AND FODDER CORN



Ideal Silo Corn Outells All Other Varieties Combined.

## F. S. & N. CO.'S IDEAL SILO CORN

Known throughout the Northwest as the greatest yielder of corn for fodder purposes. For feeding green, as ensilage, and for curing in shocks to be fed in the bundle, it is the most productive corn obtainable.

Ideal Silo Corn is of exceptionally strong, vigorous growth, with stalks growing 8 to 10 feet high, and broad, thick leaves that make succulent fodder. It is not coarse, like southern fodder corn. The ears grow from 8 to 12 inches long, with medium deep yellow kernels.

Because of its deep vigorous root system, it adapts itself readily to unfavorable soil and climatic conditions, withstanding drought and wind, and cold, wet weather equally well. It matures in 95 to 100 days, only a few days later than Minnesota No. 13.

As a silo filler, Ideal Silo Corn is unsurpassed. Many of our customers, who now depend upon Ideal Silo Corn for all their fodder, have filled silos, 12x30, with corn from 4 acres and 12x35, with corn from 5 acres, when ordinary corn from 10 to 12 acres for the same size silo was formerly required. See Blue Figure Price List for quotations.

## KING PHILIP FLINT

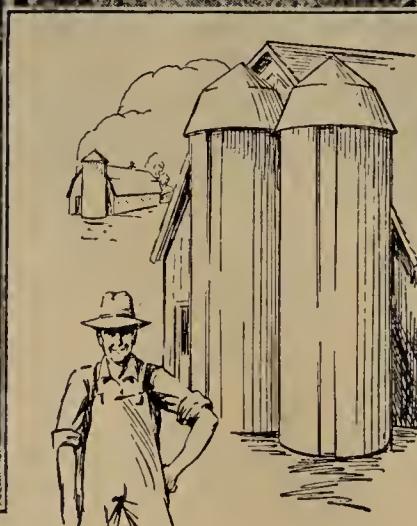
This extra early red flint corn is eight-rowed and one of the most reliable and productive varieties for the Northwest. The ears grow 12 inches long with eight straight rows of broad kernels of shiny red color. Stalks produce two and sometimes three good large ears. Not nearly as hard as ordinary Flint Corn. The stalks grow about 7 feet in height and are very leafy, therefore more valuable for fodder than Dent Corn. Matures in 80 days.

## LONGFELLOW FLINT

A yellow flint corn of rich and glossy appearance. The ears are 12 to 16 inches long, filled with large, broad kernels. It is not unusual to find three full-sized ears growing on one stalk and fields that yield 50 bushels per acre. It is a heavy producer of fodder as well as of ears. The average height is 7½ feet, while ears are about 3 feet from the ground. Matures in 85 days.



Canada Smut Nose.



Minn. State School and Colony, Faribault, Minn.

As farm manager of the Minnesota State Farms at Faribault, I have had 16 years' experience in the growing of F. S. & N. Co.'s Ideal Silo Corn.

When it comes to tonnage, I have never yet seen any corn to equal it. This season we filled one 18x35 silo from an eight-acre field of Ideal Silo Corn—then refilled it to the very top. The corn grew 8 to 12 ft. tall on the Walcott Farm.

On the Institution Farm, we filled two large silos, each 22x45. These silos hold 250 tons apiece of ensilage. We had in a total of 90 acres of Ideal Silo Corn, and we now have about 50 acres left for shredding.

I know just what I can depend on from this corn and it has never let me down.

Alb. Kelm, Farm Manager, Minnesota State School and Colony Farms.

F. S. & N. Co.

April 14, 1934.

The F. S. & N. Co's Ideal Silo Corn that I planted last year sure was a life-saver for me as the corn we have been planting would never have commenced to equal this F. S. & N. Co's Ideal Silo Corn, and besides, we had a very dry year out here.

I planted this corn in May and you should have seen it grow. People came for a long way to see it, and they said that there would never be any cobs on it, but when it got up about 8 ft. it commenced to form cobs and there were some with two to three and four cobs on a stalk. Some of the cobs were 14 in. or more long with 16 to 26 rows of kernels to them. The field looked more like a forest than a cornfield. It was the largest corn ever raised in this part of the country. It took only one-half the time to fill our silos this last year so I hope we have the same luck this year.

John A. Wetzstein, Mandan, North Dakota.

## CANADA SMUT NOSE FLINT

This corn matures in 80 to 85 days and averages 50 bushels per acre of well matured corn. The stalks, which average 7 feet in height, often bear two or three ears, 10 to 15 inches long, very compact, and rich golden yellow, blazed with red towards the tip. The ears are set about three feet from the ground.

Canada Smut Nose is well liked for hogging-off purposes as hogs make very rapid gains. In the northern sections it is also grown extensively for silage and fodder.

## YELLOW DENT FODDER CORN

A standard early variety that has given our customers very good satisfaction for many years. It is a heavy yielder of fodder and may be used for feeding green from the field, as well as for silo filling and for curing in shocks, to be fed later in the bundle.

Early type—Stalks large, ears medium, matures in 85 to 90 days.  
Late type—Stalks and ears large, matures in 95 to 100 days.

## WHITE DENT FODDER CORN

Similar to the yellow dent fodder varieties, and is especially productive of leafy growth and large ears. We offer both early and late types.

## SWEET FODDER CORN

Evergreen Sweet Fodder—This variety will grow 9 to 10 feet high and produce a great amount of fodder. It will increase the production of milk wonderfully, when fed to dairy cows. Stalks are sweet, tender, juicy, and nutritious, with large broad leaves produced in great abundance. Ears are large and white. Weight, 48 lbs. per bu. Plant 15 to 20 lbs. per acre.

Golden Evergreen Sweet Fodder Corn—Very similar to the Evergreen Sweet Fodder Corn, producing very leafy tender, sweet plants and large ears of golden yellow color, very high in sugar content. Tonnage per acre about the same as for White Seeded Evergreen.

Price: All varieties of corn—Lb. 20c, 5 lbs. 70c, postpaid. Not prepaid, lb. 15c, 5 lbs. 50c. For larger quantities, see Blue Figure List.

Better prices can be realized only by growing better quality crops and producing varieties for which there is a real demand. This catalogue points out the proven money-makers recommended by the experiment stations and our stocks are true to type and highest in quality.



## Flax Is a Profitable Crop To Plant in 1935

The flax production in 1933 and 1934 was smaller than ever and far less than was required for domestic use. This means that much flax will have to be imported. The Government and Experiment Stations are recommending that the flax acreage be increased. There is no danger of over-production, so a larger number of acres can be taken out of grain production and profitably seeded to flax.

Flax has been the best paying crop for a number of years and the improved varieties now offered will produce even greater returns per acre. There is not a sufficient amount of suitable flax seed available to take care of the greatly increased acreage that is expected. The varieties recommended in our catalog contain a larger amount of linseed oil which is desired by the processors.

Your flax order should be placed without delay and a down payment of 25% will hold the seed until wanted and the balance can be sent at the time you give us shipping instructions.

## HARDY FLAX VARIETIES

In the past, Flax was considered more as a catch crop, to be planted when conditions for other crops were unsatisfactory, or after all other crops were sown. This is a very poor procedure, for Flax does best in moderately warm weather and if planted too late is usually greatly affected by heat and drought.

To obtain large crops, sow early, right after grains are planted, up to about the middle of May. The earlier that Flax is sown, the better able the plant will be to withstand wilt and other diseases.

We recommend wilt and rust resistant varieties.

Sow Flax at the rate of 28 to 42 lbs. per acre, depending upon the size of the seed and the condition of the land. The smaller seeded varieties such as Buda and Red Wing are seeded at the rate of 28 to 35 lbs. per acre, or slightly more if the land is somewhat weedy. Bison and Winona, about 35 to 42 lbs. per acre.

Flax is an important crop, for not only is the seed utilized for oil, etc., but the straw is made into rugs, sewing materials and other items.

**BISON**—This variety comes from the North Dakota Experiment Station. It is a large seeded type both rust and wilt resistant and is exceptionally popular in the Dakotas, Minnesota and other points of the Northwest. It has already replaced many other varieties now being grown. From the yield standpoint it will produce about as much as Buda. Yields have been reported as high as 30 bushels per acre, but an average yield can be expected of about 20 bushels or more per acre. See Blue Figure Price List.

**RED WING FLAX**—Rust and wilt resistant. Like Buda and Bison Flax varieties, Red Wing is outstanding for its resistance to rust and wilt. It was developed by the Minnesota Experiment Station and has proven a good yielder throughout the Northwest. The blossoms of Red Wing Flax are a lighter blue than the other varieties and the seed is somewhat lighter in color. Red Wing Flax is quite popular this season and we anticipate a good demand. See Blue Figure Price List.

**BUDA**—(N. D. No. 119.) Developed at the North Dakota Experiment Station by selecting wilt resistant plants from a Russian variety. It is resistant to wilt and more rust resistant than any other variety that we list. It grows taller than Winona and matures a few days later. Buda has yielded the highest per acre over a period of five years at Morris and Crookston Experiment Stations. Recommended for use especially in Minnesota, the Dakotas and Montana. See Blue Figure Price List.

**COMMON**—This is a commonly grown variety which is very productive on soils free from wilt.

Prices: See Blue Figure Price List.

**WINONA**—(Minn. No. 182.) This variety is widely distributed and is highly resistant to wilt. It has moderately long stems, small blue flowers, small brown seeds and is very productive. See Blue Figure Price List.



Can You Imagine What John Gloe Thinks of Sudan Grass? (See Testimonial.)

## RAPE FOR QUICK PASTURE

Rape is an annual forage plant of great value, profitable in all sections of the country. It can be grown to advantage on land which has already produced an early grain crop, like oats, rye, or winter wheat.

Rape provides excellent pasture for all kinds of livestock, cattle, hogs, and sheep. It can be sown at any time during spring or summer, so a good pasture can be had whenever it is needed. Rape will prepare sheep and hogs for market better and in less time than any other forage plant.

One acre is sufficient to pasture 12 to 15 sheep from six weeks to two months, and is the ideal pasture for weaning lambs. Spring pigs can easily be brought up to 200 lbs. in weight when six months old, if fed on rape. It is a mild succulent feed for cattle, and will not flavor the milk, if the cattle are pastured properly. Stock that is being fed on rape should always have access to salt.

Two pieces of land may be seeded at once, to be used alternately, pasturing one while the other is growing. Do not graze too closely. Rape makes a good fall pasture.

**DWARF VICTORIA RAPE**—An outstanding variety that produces an abundance of forage and has met with great favor wherever grown. See Blue Figure Price List.

**DWARF ESSEX RAPE**—The commonly grown type that has produced the finest pastures for many years. Lb. 20c, 5 lbs. 75c, postpaid. See Blue Figure Price List.

## ADVANTAGES IN SOWING RAPE

1. Grows wherever corn or turnips grow.
2. Provides pasture in 6 to 8 weeks' time.
3. The best forage plant for dry seasons, because of its strong, deep root system.
4. Plant alone or with grain, soy beans, Sudan grass or cane.
5. Adds humus matter to soil when plowed under.
6. Its cheapness; sown broadcast, use 5 or 6 lbs., sown in rows, use only 3 lbs. per acre.

F. S. & N. Co.

Dear Sirs:

I just want to let you know what mighty fine hay crops your Sudan Grass has produced for me. Am sending a picture of the first cutting which brought me 2½ tons of good hay per acre—and the second cutting gave me another ton on top of it. I believe my 3½ tons per acre and the fine pasture it left me speak mighty well for your seeds.

John Gloe, Faribault, Minn., R. R.

Dec. 14, 1934.

Farmer Seed & Nursery Co.

I want to thank you for the Cane Seed I bought of you last year. From each pound of seed planted I raised enough to make 18 gals. of the best sorghum I ever tasted.

E. L. Gariens,  
Bartlett, Iowa.

## SUDAN GRASS GROWS QUICKLY

One of the best annual forage plants ever introduced, suitable for almost any locality. Sudan Grass thrives best on rich loam, but has been successfully grown on almost every kind of soil, from heavy clay to light sand. Cold, wet soils are not suited to Sudan Grass. Sudan Grass is a sorghum, and an annual, without underground root sprouts. It grows 4 to 5 feet high in drilled seedings, and 5 to 8 feet in cultivated rows.

**DO NOT SOW SUDAN GRASS BEFORE CORN PLANTING TIME.** Like corn, it is a warm weather crop.

In favorable seasons, the growing period is long, and several cuttings can be obtained in one season. For hay it is ready to cut in 60 to 75 days, when it is in full head. It continues its growth, and in 40 to 45 days it is ready for another cutting. If Sudan Grass is grown for seed, only one crop can be harvested.

## PRODUCES QUALITY HAY

Sudan Grass is an enormous yielder, producing 3 or 4 tons of hay at the first cutting. The second cutting is lighter, and the hay is much finer. Livestock of all kinds will eat the hay readily.

**CULTURE**—For a seed crop, sow 15 lbs. per acre, in drills, 15 to 20 inches apart. The crop should be harvested with a grain binder.

For hay, sow at the rate of 20 to 30 lbs. per acre, using a grain drill, and cover from one to one and one-half inches deep. Heavy seeding makes finer quality hay.

The hay crop is harvested with a regular mower, when the Sudan Grass is fully headed out. It can be cut in the morning, and if the sun is bright, it should be raked up in the afternoon of the next day. After bunching, it is placed in cocks, just the same as alfalfa. After it has been thoroughly cured, it is removed from the cocks to the barn, or stacked. Because of the large amount of juice in the stems of Sudan Grass, the leaves cure first and the hay often appears ready to stack, when it is not. Therefore, the only sure way to avoid heating, is to allow Sudan Grass to remain in cocks long enough for the stems to become dry. The leaves are retained well, and if cut at the right stage will make a bright, leafy, sweet hay, of the very best quality.

## PLANT LEGUMES WITH SUDAN

Sudan Grass grown with legumes, such as soy beans, makes a well balanced mixture for pasture, ensilage and hay. Sudan Grass grows stiffly erect, with stems strong enough to support the vines and makes harvesting easier, by keeping them off the ground. It hastens curing, by preventing the beans rotting.

Sudan Grass and soy beans, planted together, make a good hog pasture. Sow 25 to 30 lbs. Sudan Grass and the same quantity of soy beans, to the acre, drilling in the seed with a grain drill. For quickest results, sow in rows 18 to 20 inches apart, and cultivate.

Prices: Lb. 30c, 5 lbs. \$1.25, postpaid. See Blue Figure Price List.

SUDAN GRASS CIRCULAR FREE UPON REQUEST



# SOY BEANS, FIELD PEAS, VETCHES

Master Farmer  
Seeds.

## Inoculate Soy Beans, Field Peas

with Nitragin or Master Farmer Inoculator to increase your yields and put fertility into the soil. They are recommended by all authorities. See page 61 for prices and full particulars.



This Field of Soy Beans Yielded a Heavy Crop of High Feeding Value. (Courtesy International Harvester Co.)

## SOY BEANS ARE VALUABLE FOR HAY, ENSILAGE, SEED OR FOR SOIL IMPROVEMENT

1. Soy Beans are easy to grow, and are valuable for soil too poor for other legumes.

2. They withstand both drought and heat well, and are not easily damaged by moisture.

3. They make a good emergency crop, as they can be sown late, after other crops fail or are washed out.

4. They deposit large quantities of nitrogen in the soil, building up poor land on which clover or alfalfa cannot be grown.

5. Soy Beans as a hay crop, are higher in protein content than clover hay, or field peas and oats mixed. For dairy cattle, the hay is equal to alfalfa hay.

6. They make good ensilage grown with corn, and are also used for hog pasture.

7. They take the place of oilmeal, and are even more digestible.

**CULTURE.** Soy Beans require about the same treatment as corn, and will grow on almost any kind of soil, shallow peat or sandy loam, and even ground containing too much alkali for corn. Do not plant Soy Beans too early, about corn planting time is right. Sow in drills using 30 to 45 lbs. per acre or broadcast, 60 to 90 lbs. Rows 28 to 30 inches apart are usually best, as the rows can be cultivated and kept free from weeds.

The seed crop is quite profitable. The seeds broken or split in threshing can be fed to livestock. For seed, the Soy Beans should be cut with a grain binder, while the dew is still on them, so they will not shatter. They can be threshed without much curing, if the seed is spread out so it cannot sprout in the bins.

### DUNFIELD

This variety was carefully tested over a period of years, having been imported into this country in 1918. Its popularity has increased so that it is now reported as being grown on about 75% of the Soy Bean acres in Illinois. It has spread into Iowa, Minnesota and Wisconsin very rapidly.

Dunfield Soy Beans grow upright sturdy plants, very bushy, and produce a very fine quality hay. They mature in about 110 days and may be grown for ripe beans in most sections of northern Iowa and southern Minnesota. Dunfields blossom about 40 to 45 days after planting and the pods have two, three and four seeds which are of straw yellow color with light brown hilum.

The oil content of Dunfields is recorded at 19.8% which makes it very popular with the crushers, also for feeding purposes. Those who have grown this variety are highly pleased with it. The seed is slightly smaller than the Manchu and Illini varieties, therefore does not require quite as much seed per acre. Price: Lb. 20c, postpaid. See Blue Figure Price List.

### MANCHU

This variety takes the lead among Soy Beans in the Middle Western States. It is outstanding for all purposes—hay, feed, hogging down, as well as for planting with corn for the silo. It will fully mature under ordinary conditions and grows large enough to produce excellent yields of hay or a large crop of beans. A good average crop will produce 20 to 30 bushels of beans per acre.

Manchu is a robust grower of vines which stand up well and are easily cut with the corn or grain binder. This variety matures in about 100 days, being well adapted to the southern half of Minnesota, Wisconsin, South Dakota and all sections farther south. In localities where the growing season is short, Manchu is preferred for hay purposes, but an earlier variety must be grown for seed. The beans are yellow and of medium size. Price: Lb. 20c, postpaid. See Blue Figure Price List.

### ILLINI

This excellent variety was first offered by us a few years ago and since that time has become as popular as Manchu. It was developed by the Illinois Experiment Station and described as a better yielder than other varieties, somewhat taller and with pods higher on the stem. Many growers report that it is somewhat earlier maturing than Manchu and that it produces a larger tonnage of hay or beans per acre. It is not uncommon to obtain as high as 40 to 50 bushels of beans per acre; however, the average would probably be about 30 to 35 bushels which amounts to approximately 50 per cent more than other varieties.

Illini Soy Beans are yellow, the seed being slightly smaller and rounder than Manchu. You will appreciate this variety if you give it a trial.

Price: Lb. 20c, postpaid. See Blue Figure Price List for larger quantities.

### EASY-COOK SOY BEANS

This is a very excellent variety used for human consumption, either as dried beans or in the green stage. As its name implies, it is easy to cook. The plants may be used for fodder purposes after the beans have been picked. See page 3 of the catalog under 'Field Beans.'

### FETERITA

The most drought-resistant forage plant we have, especially valuable for the western prairie states. It is much like Kaffir Corn, matures earlier, the seed is larger, the heads plumper. It is profitable for pasture, hay crop, ensilage or grain, and is used for feeding cattle, sheep, and poultry. Culture is same as for Kaffir Corn. Price: Lb. 25c, postpaid.

### KAFFIR CORN

A good fodder plant for Iowa, South Dakota and sections farther south, that grows 5 to 7 feet high, with broad leaves and brittle green stalks. Green or dried, this makes excellent fodder for horses and cattle. The seed heads form at the top of each stalk. The seed is good as poultry food. Sow 10 lbs. of seed per acre, in rows 3 feet apart, or 50 lbs. per acre broadcast or in drills. Price: Lb. 25c, postpaid.

### CANADA YELLOW FIELD PEAS

Field Peas are an important class of legumes, and should be more generally planted. Few farmers know the value of Field Peas as a hay crop and fertilizer. They fit into crop rotations well, and are better suited to conditions of the Northwest than any other annual legume, for building up worn-out soils.

Field Peas are usually grown with oats, for hay, a combination equal in feeding value to clover hay. They contain more digestible crude protein and fat than alfalfa and corn.

When they are grown with oats, they are threshed together, and easily separated with a fanning mill after threshing, thereby getting two crops from one operation. Sow 2 bushels of oats to 1 1/2 bushels of peas per acre. Drill the peas in 4 inches deep, as early as the ground can be worked. Then, 2 or 3 weeks later, sow the oats, drilling it in the other way. If the oats are sown with the peas, they grow too rapidly, and check or smother the growth of the peas. Price: Lb. 20c, 5 lbs. 75c, postpaid. For prices on larger quantities, see Blue Figure Price List.

### WINTER OR HAIRY VETCHES

(Also Known as Sand Vetches.) They are leguminous plants and are especially suited to localities where winters are very severe. They make good hay, ensilage, pasture and green feed, are very valuable as a green fertilizer, and as a cover crop in orchards, preventing the washing away of the soil.

Winter Vetches may be sown with Winter Rye for a hay crop, about August 1 to 20, using 1 bushel Vetches (60 lbs.) and 1 bushel Rye per acre—they mature about the same time. Where summer pasture is desired, they may be sown in the spring, either alone or with spring grains. Price: Lb. 30c, 5 lbs. \$1.25, postpaid.

### SUNFLOWER MAMMOTH RUSSIAN

The production of Sunflower for ensilage and fodder is now advocated by many experiment stations. This is fairly profitable where the seasons are too short to grow other forage plants, sorghums, etc.

We do recommend Sunflower as a highly important and profitable crop for poultry breeders and farmers, for fattening hens or producing eggs. Single flower heads measure 12 to 22 inches across, containing a large quantity of seed. Price: Lb. 30c, 5 lbs. \$1.25, postpaid.



# MILLET AND SORGHUM CANE

Although many farmers are now growing Millet regularly as a hay crop, it was not until the last few years that its value was fully appreciated as a quick-developing crop. Many find it of great value in case of crop failure of Clover and Timothy, when dry, spring weather cuts short the pasture and meadow grasses, or when there is a cold, wet spring and corn and other early sown crops are drowned out—it is then that Millet is fully appreciated.

Millets may be planted up to July 1 and even later, and still produce a crop of hay or pas-

ture. Millet hay properly handled has great feeding value and milk-producing qualities. For hay it should be cut as soon as it blooms, before the seed forms, otherwise the hay is apt to be woody. In more southern sections Millet is sown as a catch crop after the grain has been harvested. It produces the best results in warm, rich soil.

Sow broadcast, using about 40 lbs. per acre, covering seed three-quarters of an inch deep. For a seed crop, allow the Millet to ripen fully and harvest with a grain binder.

## JAPANESE MILLET—Billion Dollar Grass

Japanese Millet is one of the best forage crops we have, for feeding all kinds of livestock. It ranks high in milk-producing qualities, being rich in protein and fats. Combined with soy beans, as ensilage, it makes an ideal balanced ration, two parts of millet to one of soy beans being the right proportion.

Japanese Millet is adapted to all sections of the country; it makes more hay than any other millet, and requires less seed. It is the ideal catch crop, and may be sown any time from May to July.

For hay, cut it just before it blossoms, and cure the same as clover. It also makes good pasture, but the cattle must be accustomed to it gradually.

### FIVE REASONS FOR GROWING JAPANESE MILLET:

- 1—It grows 4 to 8 ft. high and produces 5 to 6 tons of hay per acre.
- 2—It is drought-resistant, yet can be grown on wet or poor soil not fit for other millets.
- 3—It is good for exterminating quack grass as it stools heavy.
- 4—It is cheap to sow, only 15 to 20 lbs. of seed per acre being required.
- 5—It is very palatable and is liked by all classes of livestock.

DO NOT PLANT MILLETS UNTIL THE SOIL IS WARM AND DANGER OF FREEZING IS OVER.



German or Golden Millet.

## FOXTAIL MILLETS

**GERMAN OR GOLDEN**—This is one of the best varieties for hay and fodder. It makes rapid, vigorous growth, often yielding 3 to 5 tons of hay per acre, on good rich soil. It grows 4 to 5 feet high, is of rather coarse appearance, and should be cut for hay before it is in full bloom. At this stage, the hay is of the best quality, and so tender it can be fed to hogs.

**HUNGARIAN**—The great value of this variety is in its earliness and fine quality. It is about a week earlier than German or Golden Millet, and much safer for northern sections, especially if sown late in the season. It does not grow as vigorously, but the hay is of finer quality, especially good for cattle, as it is nourishing and milk producing. We consider Hungarian Millet one of the best catch crops grown.

**SIBERIAN**—We consider this the best Millet for dry sections. It is extremely hardy, drought resistant, and about two weeks earlier than Golden Millet. It stools heavily, is very leafy, and yields enormous quantities of fine quality hay. It produces 50 to 70 bushels of seed per acre.

**COMMON**—Especially adapted for dry and light soil. It is very early and dwarf, growing 3 to 4 feet high, is hardier than Golden Millet, therefore better for cold northern sections and unfavorable conditions, but does not yield as heavily as Golden Millet.

## PROSO MILLETS

(Also Called Hersche)

**TURGHAI PROSO**—Turghai Millet grows three feet tall and has a purple spreading head. The stems bear a wide leaf similar to corn and are not woody. This variety introduced in 1930 has been found to be especially adapted to the Northwest as it will withstand considerable drought. It is a red seeded variety, very much in appearance like the early Fortune seed. Government reports show that Turghai has yielded from 50 to 70 bus. on heavy soil and three tons of hay per acre. The State Experiment Station in preliminary tests of this variety, finds it out-yielding other Proso Millets by a considerable margin.

Turghai Proso Millet contains 17% protein and is one of the richest feeds for hogs, cattle, sheep and poultry.

**EARLY FORTUNE**—This seed is of a shiny reddish brown and is about the same size as Turghai and Hog Millet. The heads are compact. It matures rather early, growing about medium height. It is ready to harvest in 50 to 60 days after sowing. Early Fortune has been a very popular variety.

**HOG OR BROOM CORN MILLET**—The hay is of a coarse quality, except when cut very young. The seed is of high food value especially for poultry and hogs. It is yellowish white in color. Hog Millet is very early and drought resistant and will produce excellent yields of seed and hay.

Prices on all Millet: 1 lb. 20c, postpaid. For prices on larger quantities see Blue Figure Price List.

## SORGHUM CANE

### MINNESOTA EARLY AMBER CANE

The Early Amber Sugar Cane grown in Minnesota is superior to that grown anywhere else. It is the earliest strain grown, very hardy, of fine quality, and yields from 12 to 20 tons of cane per acre, according to soil conditions and cultivation. It grows 12 to 18 feet high, yielding much fodder, of good quality. Early Amber Cane and Fodder Corn are often planted together, and produce immense yields.

One acre of Early Amber Cane will produce enough to make 175 to 200 gallons of syrup, of delicious rich quality, golden yellow color.

We offer an improved strain of Minnesota Early Amber Sugar Cane which has been carefully bred for size, sugar content, and palatability. Sow 8 to 10 lbs. per acre for syrup. Prices: 1 lb. 20c, postpaid. 5 lbs. 80c, postpaid.

**WACONIA ORANGE CANE**—Orange Cane grows much heavier but shorter stalks than Amber Cane and withstands storms and wet weather without lodging. It produces an outstanding quality of syrup and more of it per acre. Sow Orange Cane at the same rate as the Early Amber Cane.

**FODDER CANE**—(Southern Grown.) A profitable feed crop that can be grown almost everywhere, producing as much as 30 to 35 tons of green feed per acre. It makes good hay if cut before it grows too high and can often be cut a second time. It matures later than Early Amber Cane and will not produce seed in the North. Sow 50 to 60 lbs. broadcast or 12 to 15 lbs. in drills per acre. Prices—All Cane Seed: Per lb. 20c, 5 lbs. 80c, postpaid. For larger quantities see Blue Figure Price List.

# CYANOGEN KILLS RATS, MICE, POCKET GOPHERS, MOLES, WOODCHUCKS, ANTS.

Cyanogas is acknowledged throughout the world to be the most effective pest destroyer. It has been thoroughly tested by workers in practically every country of the world. So outstanding are its merits that it is recommended for many different purposes by Federal and State Officials. Cyanogas has given satisfaction to those who have used it and who observed how quickly, safely and economically, it has solved the insect and rodent problem.

Easy to use, quick and thorough.

Cyanogas A-Dust is easy to use, economical and safe and gives effective control of pests. It comes packed in air-tight containers and can be handled without danger to the user. It will not deteriorate if kept in air-tight tins. It is non-explosive and non-inflammable. Undoubtedly, the most effective material for pest control.

Cyanogas A-Dust, when exposed to the air, gives off a gas that is deadly to rodents and

insect pests. It kills them almost immediately. The residue, after the gas has been given off, is ordinary slaked lime and is non-poisonous. The pests don't have to eat Cyanogas or even touch it—it gets them wherever they are.

Cyanogas A-Dust can be applied with the dusters we list opposite or with a spoon or by sifting. Full directions with each package. Write for free circulars telling how to rid yourself of these pests.

Cyanogas G-Fumigant is a granular form of Cyanogas used in fumigating greenhouses and nurseries, bulbs, plants and homes. Write for particulars.

Prices—Cyanogas A-Dust: 1/2 lb. can 45c, 1 lb. 75c, 5 lbs. \$3.00, 25 lbs. \$10.00, 100-lb. drum \$30.00, f. o. b. Faribault.



## DUSTERS FOR CYANOGENS

**NO. 660 SIGNAL DUSTER**—This is a favorite for use about the home against roaches and flies, mosquitoes, etc. It handles insecticides in powder form very efficiently. It is convenient and economical to use because of its size, compactness and ease of operation. It is fitted with a discharge tube that allows the driving of powder into cracks, crevices, holes, etc. Price: 40c, postpaid.

**NO. 665 MAJOR DUSTER**—This Duster handles Cyanogas, Paris Green, Arsenate of Lead, Calcium Arsenate and other insecticides and fungicides, and may be used on the home gardens, on truck farms, potato and tobacco fields, in the dairy barn, around the poultry house, as well as for dusting for rats, moles, woodchucks, etc. This Duster is fitted with an air valve to keep the powder from entering pump.

**NO. 665A MAJOR**—With 12-inch flexible hose for Cyanogas, \$1.50, postpaid.

**NO. 665 MAJOR**—With two extensions and two nozzles, \$1.40, postpaid.

**NO. 665 MAJOR**—With 12-in. flexible hose for Cyanogas and two extensions and two nozzles for dusting plants, etc., \$1.60, postpaid.



THE ALL PURPOSE BALANCED FERTILIZER

# SACCO

TRADE MARK REG. U. S. PAT. OFF.

■ Makes Things Grow ■

SACCO is the finest of fertilizers—a combined soil rectifier and growth producer for use on LAWNS, GARDENS, SHRUBS, FLOWERS, TREES, POTTED PLANTS and VEGETABLES. It is a well-balanced preparation containing ALL THE FEEDING ELEMENTS essential to the perfect growth and development of all plants.

EASY TO APPLY—ECONOMICAL TO USE

Use 2 to 4 lbs. for every 100 sq. ft. (10x10 ft. area). Full directions for applying SACCO are printed on each package.

One Application Produces Amazing Results.

A single SACCO application can be depended upon to make grass and vegetables grow vigorously and to make flowers and shrubbery beautiful with bloom and foliage. This plant food gives quick results, is easy to apply and, because only a small quantity is required, is very economical. SACCO has no offensive odor.

SACCO is Recommended by Highest Authorities.

SACCO has the approval of horticulturists and of many thousands of satisfied users. On the lawns of fine homes—on golf courses—in private gardens—in hot-houses—and in the nurseries of progressive florists and commercial growers—SACCO has proved its unquestionable superiority.

10 lbs.—is sufficient to fertilize plot of lawn 20x25 ft. 25 lbs.—will cover plot 40x30 ft. See "Amount to Apply" above.

Price: 5-lb. bag 40c, 10-lb. bag 70c, 25-lb. bag \$1.40, 50-lb. bag \$2.35, 100-lb. bag \$3.95, f. o. b. Faribault.

A booklet of Detailed Instructions is contained in each package.

SPECIAL LAWN FERTILIZER



FOR  
WEED CONTROL  
IN LAWNS

Here is an ideally balanced fertilizer made especially to rid your lawn of weeds. Grass will grow luxuriantly and weeds will gradually disappear. WEDO is formulated after recommendations of leading experiment stations and soil authorities. It contains the recommended amounts of nitrogen, phosphates and potash most suitable to lawn grasses.

WEDO is an ideal fertilizer for Creeping Bent Lawns and putting greens.

WEED ELIMINATING FEATURES

Incorporated in WEDO are the valuable weed eliminating features of sulphate of ammonia and other weed control elements.

How Much WEDO to Buy

Only 1½ pounds are required for 100 square feet (10x10-ft. area). 10 lbs. 80c, 25 lbs. \$1.65, 50 lbs. \$2.75, 100 lbs. \$4.75, f. o. b. Faribault.

IMPERIAL WEED PULLER

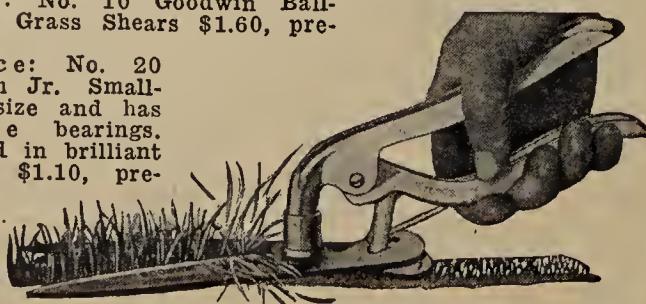
A very simple tool to eradicate weeds in the lawn or garden. Pulls them up, roots and all. No back-breaking job—simply push into the soil under the weed, at a 95 degree angle, and pull back straight—then out come weed, roots and all. Made of high grade steel, black enameled wide wooden handle. Price: 90c, prepaid.—Not prepaid, 75c.

BALL-BEARING GRASS SHEARS

Blades are beveled and ground to a fine cutlery sharpness. 8-inch blades. Rust resistant carbon knife blade steel. Tension adjustment makes them easily adaptable to all cutting requirements—fine grass—coarse stalks—hedges or light pruning. The Goodwin is the only ball-bearing Grass Shear. Insures smooth action at all times and no binding or spreading of the blades in service.

Price: No. 10 Goodwin Ball-bearing Grass Shears \$1.60, prepaid.

Price: No. 20 Goodwin Jr. Smaller in size and has bronze bearings. Finished in brilliant orange, \$1.10, prepaid.



## NU-LIFE PLANT GROWER

Will pep-up the sickest plants—Used by leading gardeners and florists



The best of plants need stimulating. The soil becomes stale and worn out and the plants sickly—then the leaves discolor and the blooms lack brilliancy.

Here is where Nu-Life Plant Food comes to the rescue. Immediately results will be noticed. It is easy to use, entirely odorless, and it will put new life into your sick plants. It will pep up your flower bed and stimulate growth of all vegetation, indoor or outdoor. Nu-Life Fertilizer will produce more perfect flowers or fruits, and healthy foliage.

Because Nu-Life is a most highly concentrated plant food and contains 15% Nitrogen, 30% Phosphoric Acid and 15% Potash, only a small amount is required per pot. For a sick plant, scatter a two-finger pinch of Nu-Life on the soil. After a new leaf growth has started, use a level teaspoonful of Nu-Life with a gallon of water and apply approximately half a teacup full per plant on a three-inch pot and a teacup full on a four or five-inch pot. Apply every two weeks.

Nu-Life Plant Food is readily dissolved and carried right to the roots. Its fertilizing value is four to five times that of ordinary plant food. It is properly balanced and practically water soluble. Liberal Trial Size 10c, ½-lb. package 30c, 1-lb. package 45c, postpaid.

Special—Try a 10c packet; return the empty packet for credit of 10c on a 45c size package.

## "DUBAY" SEED DISINFECTANTS

Prevent Diseases—Increase Profits

**SEMESAN**—For treating vegetable and flower seeds and brown patch in lawns. Diseases often reduce germination and result in poor stand, lowered quality and reduced yield. Kill these harmful disease organisms on the seed before planting. Semesan may be applied as a dust or liquid and is harmless to seeds. Effective in controlling damping-off of seedlings. Full directions in can. Prices: 2 ozs. 50c, 1 lb. \$2.50, 5 lbs. \$11.75, 25 lbs. \$46.25, not prepaid.

**SEMESAN BEL**—For treating seed potatoes. Potato diseases cause a loss equivalent to the yield of 1 acre in every 5 or 6 acres planted. Much of this loss can be prevented by treating seed before planting with Semesan Bel, the instantaneous dip disinfectant. Effective in controlling such seed-borne diseases as scab, rhizoctonia and black leg. Improves germination and usually produces a bigger crop of better quality. One pound treats 70 to 80 bushels of seed. Prices: 4 ozs. 50c, 1 lb. \$1.75, 5 lbs. \$8.00, 25 lbs. \$31.25, not prepaid. Pamphlet free.

**SEMESAN JR.**—For treating seed, field and sweet corn. Our corn crops are reduced over 80 million bushels annually by diseases that are carried on the seed. Destroy these costly diseases by treating your seed corn with Semesan Jr. Simple, quick, effective. Costs only 2½c an acre. It destroys harmful disease organisms on the seed, protects seed from rotting in cold wet soil, makes earlier planting possible, controls seedling blight, reduces root and stalk rots, and generally increases crop yields. Use 2 ozs. per bushel of seed. Prices: 4 ozs. 50c, 1 lb. \$1.50, 5 lbs. \$7.00, 25 lbs. \$28.75, not prepaid.

NEW IMPROVED CERESAN

A New Low Cost Grain Disinfectant

Costs only 1½ to 2½ cents per bushel. Unusually effective in controlling bunt or stinking smut of wheat, covered smut and stripe of barley, and oat smuts. Frequently improves the stand and yield of grain 1 to 5 bushels per acre. Easily and quickly applied by 20 revolutions of seed treater or 3 turnings with a shovel. Seed should be treated 24 hours before planting. Does not reduce drilling rate nor damage drill. One pound treats 32 bushels of wheat, oats, or barley. Prices: 1-lb. tin 75c, 5-lb. tin \$3.00.

## MOSS PEAT FOR BETTER GARDENS AND LAWNS

"Sure Crop" Moss Peat is a native soil conditioner. It is a big factor in developing friable soil and a balanced top soil to retain moisture.

If you are having trouble with your lawn, if your soil is light and sandy, "Sure Crop" Peat will show wonderful results.

Two ounces of "Sure Crop" Peat are capable of absorbing one pound of water. Use it around the base of roses, shrubs, perennials, your window and porch boxes, among ferns and potted plants.

One bale of "Sure Crop" Peat will provide top dressing for 800 to 1,000 square feet of soil. It is inexpensive to use.

"Sure Crop" Peat contains life-giving humus essential to plant growth—high in nitrogen content and is free from silt and weed seeds.

For the lawn, a top dressing should be made late in April or early May. A small amount of Sacco fertilizer may be applied at the same time, or mixed with the peat. This will provide a balanced plant food and a moisture holder that should show results quickly.

For Shrubs, Roses, Perennials, etc., spread "Sure Crop" Moss Peat around the base of the plant to a depth of about one-half inch.

Price: 5-lb. package 60c, prepaid; 10-lb. package 85c (prepaid to 3rd zone). Not prepaid: ½ bale, about 60 lbs., \$1.25. Medium bale, about 90 lbs., \$1.95. Large bale, 100 to 110 lbs., \$2.25.

**-INSECTICIDES-**

Send for Sprayer Guide—It's Free.

**APHIS SPRAY**—An improved nicotine spray suitable for the control of all kinds of aphis (plant lice), thrip, leaf hopper and many more hardy insects infesting rose bushes, flowers, shrubs, vines, bushes and trees. Mixes easily with water. Price: 3-oz. collapsible tube 35c, 12-oz. collapsible tube 95c, 2½-lb. can \$2.25.

**ARSENATE OF LEAD**—It is safest to use on tender foliage and sticks well on the leaves. Can be used as dust or spray. Price: ½ lb. 20c, 1 lb. 30c, 4 lbs. 75c, not prepaid.

**ALL ROUND SPRAY**—One product which will combat blight and fungous diseases, control sucking insects and destroy chewing insects in one application. Price: ¼ lb. 30c, 1 lb. 85c, not prepaid.

**BAIT-M**—For use against snails, cutworms, sow bugs, grasshoppers and many other insects which migrate along the ground. Price: 1 lb. 35c, 3 lbs. 70c, prepaid.

**BORDEAUX MIXTURE**—Prevents large losses caused by blight, rot, mildew, scab, anthracose and certain other fungous diseases. Price: 1 lb. 30c, 4 lbs. 70c, not prepaid.

**CYANOGAS, ANT KILLER**—Special 4-oz. tin container. Simply shoot it in the nest and no more ant trouble. Price: 35c, prepaid.

**DAWG-GONE**—Protects evergreens—keeps dogs away. Remove cap and hang tube of Dawg-Gone (opening down) in the lower branches of trees. The odor slowly emanating from the open tube will keep dogs at a distance for six months. Mailable. Tubes: 35c each or 3 for \$1.00, ppd.

**DUSTING SULPHUR**—Keep your roses free from mildew, black spot, leaf spot and other hideous fungous diseases. Acme Dusting Sulphur is a tonic for roses, chrysanthemums, phlox. Mailable. Price: 3-lb. sifter carton, each 40c, prepaid.

**GARDEN GUARD**—A garden insecticide and fungicide for use as a dust. No water, no mixing, no muss. For use on cabbage, cauliflower, tomato plants, melon vines and other vegetables, currants and gooseberries, flowers and shrubs of many kinds. Price: 1-lb. sifter carton 30c, prepaid.

**IMPROVED GARDEN GUARD**—New formula. Non-poisonous, yet very effective. Controls most leaf-eating insects. Perfectly safe to use. Price: 1-lb. sifter top can 45c, prepaid.

**LIME SULFUR**—Summer spraying against scab, soot, blotch, red spider and mite. Price: 1 lb. 30c, 5 lbs. \$1.35, 10 lbs. \$2.50, not prepaid.

**“BLACK LEAF 40”**—(Sulphate of Nicotine.) Is especially recommended for killing the green aphis or lice which usually appear on sweet peas, cucumber and other vines. It can be used for spraying all kinds of plants. Price: 1-oz. bottle 35c, 5-oz. tins \$1.00, 2-lb. tins \$3.75, not prepaid.

**EVERGREEN**—Non-Poisonous Insecticide. Effective against most other plant pests, including cucumber and melon beetles, cabbage worms, rose slugs, leaf hoppers, currant worms, etc. Safe—kills only insects—harmless to man, livestock, birds and pets. Non-injurious—Spray freely on the tenderest plants. Won't injure the ground. Price: 1-oz. bottle 35c, 6-oz. bottle \$1.00, not prepaid.

**“NOK-EM-KOLD” GARDEN INSECTICIDE**—It controls cabbage and cauliflower worms, cucumber beetles and all insects infesting vine crops, berries and shrubs. Dust on while the foliage is damp with dew. Will not burn or injure plants or fruit. Price: 1 lb. 25c, prepaid.—Not prepaid, 5 lbs. 85c, 10 lbs. \$1.25.

**SEMESAN BEL**—For Potatoes. Potato diseases cause a loss equivalent to the yield of 1 acre in every 5 or 6 acres planted. Effective in controlling such seed-borne diseases as scab, rhizoctonia and black leg. Improves germination and usually produces a bigger crop of better quality. One pound treats 70 to 80 bushels of seed. Price: 4 ozs. 50c, 1 lb. \$1.75, prepaid.—Not prepaid, 5 lbs. \$8.00, 25 lbs. \$31.25.

**SLUG SHOT**—The standard remedy for worms, rose slugs, caterpillars, cabbage worms, etc.—effective, and entirely harmless to plants. Price: 1-lb. carton, with perforated top, ready for use, each 30c, prepaid.—Not prepaid, 1-lb. carton 25c, 5 lbs. 85c, 10 lbs. \$1.50.

**TOBACCO DUST**—Destroys rose slugs, lice, vine bugs, tomato worms, currant worms, cabbage lice, and the parasites of all descriptions. Apply when foliage is wet. Price: 1 lb. 30c, prepaid.—Not prepaid, 1 lb. 25c, 5 lbs. \$1.10, 10 lbs. \$2.00.

Fontanelle, Nebr., March 18, 1934.  
F. S. & N. Co.

We dealt with you folks since we came to this country in 1888 and are well pleased.

Mrs. August Abendroth, Box 65.



## “DOGZOFF”

If you are bothered with dogs, cats or rabbits, “Dogzoff” is the spray you need. It is a most efficient animal repellent and one spraying will last from three to four weeks. Not poisonous to plants and will not injure animals. Not offensive to humans. Its use is guaranteed to keep these animals from any place where they are not wanted.

“Dogzoff” is applied with any small insect sprayer and one application usually does the work.

“Dogzoff” will save its cost many times over around the garden and home.

PRICE FOR  
SEASON'S SUPPLY 69c PRE-  
PAID

## “SULPHONOL” RABBIT REPELLENT

Protects trees from rabbits and mice. Inexpensive to use, sure in operation. Keeps tree borers away and prevents sun scald, without injury to trees or shrubs. Mix with water and paint the trees 2 feet above snow line. “Sulphonol” is non-poisonous, and will remain effective throughout the winter. Price: 14-oz. can (for 20 trees) 45c, 1½-lb. can (for 50 trees) 85c, prepaid.—Bulk 25c lb., not prepaid.

## DAYTON TREE SAVER

Dayton Tree Saver is a scientifically prepared plastic compound that makes easy the problem of tree surgery for anyone. No experienced tree surgeon is needed. It is ready for instant use in repairing damage, healing a wound and keeping out disease. It contains 18 ingredients beneficial to trees, medical oils to heal wounds and non-injurious acids to destroy fungi, insects and worms. Every tree lover should have a can of Dayton Tree Saver on hand, the scientific healing filler for cavities. It does not shrink but is light in weight, elastic and waterproof. Full instructions with each package. Price: Pint 50c, quart 90c, gal. \$2.50, not prepaid.

## “BLACK CAT” NON-POISONOUS EXTERMINATOR

“BLACK CAT” RAT and MOUSE KILLER is Harmless to Man, Domestic Animals, Baby Chicks, Poultry, Dogs and Cats, but Kills Rats, Mice and Gophers Quickly. May be safely used around the home, barn, poultry house, warehouse or any rat or mouse infested building. “BLACK CAT” can be mixed with butter, ground meat, corn meal or other food. Rats and mice will eat it readily, and it drives them outdoors to die.

Rats and mice are the most destructive animals in the world, carry disease germs from house to house, and are hosts to the mites and fleas which feed on men and spread bubonic plague, typhus fever, etc.

GUARANTEED to kill rats, mice and gophers and nothing else, when used according to directions. Send today. 50c per package, prepaid.

## MOUSE SEED

The most satisfactory mouse exterminator ever sold. A natural treated seed which attracts the mice. They chew out the inside kernels and thirst then drives them out to die. No baits, no traps, no muss. “A saucer and seed is all you need.” 25c per package. Also in a one-pound size, holding more than eight times as much as the 25c package—\$1.00 per lb., prepaid.

## “CYANOGAS”

The Universal Pest Destroyer

It's the gas that kills them, and its action is practically automatic. Not necessary for insects or rodents to eat or even touch “Cyanogas”—they merely breathe the gas and are killed instantly. It is economical and safe to handle. No other preparation will do the many things “Cyanogas” performs readily. It will kill ants, rats, field mice, woodchucks, moles, pocket gophers, prairie dogs, grasshoppers, fleas, snakes, flies, wasps, wild bees, wood-boring insects, etc. Ask for complete folder giving full directions and information for controlling all of the above pests—it is free. (See page 71.) Price: ½ lb. 45c, 1 lb. 75c, 5 lbs. \$3.00, 25 lbs. \$10.00, 100 lbs. \$30.00, not prepaid. Special 4-oz. container for ants 35c, prepaid.

**MINK'S LOUSE KILLER OINTMENT**—One application keeps hens free from lice for six months. Pays its cost ten-fold in increased egg production. Wonderful remedy for head lice on baby chicks and turkeys. If not completely satisfied, return empty box and get your money back. One box sufficient for treating 75 to 100 hens. Perfectly harmless. Price: 80c, prepaid.

## PROTECT POULTRY AGAINST ROUP, COLDS, ETC.



One treatment with Hen-O-Mist and Hen-O-Fume brings relief to a whole flock at once. Penetrating fumes from these remedies quickly clear up the worst cases. Very easy to use. Results guaranteed.

Money back if Hen-O-Mist and Hen-O-Fume inhalant don't do the work. We suggest using combination treatment — one large can of each, for \$1.50, or either remedy separately for 75c, prepaid. Send your order NOW, and be ready if roup, colds or bronchitis break out in your flocks.

Hen-O-Fume is an ideal hog remedy for treating flu or pneumonia.

**LICE POWDER**—Will successfully kill body lice on chickens, horses and cattle. It is very effective when applied to roosts, walls and crevices with a powder gun. Price: 1 lb. 30c, prepaid.—Not prepaid, 1 lb. 25c, 5 lbs. \$1.00.



**ACME NICOTINE POULTRY DELOUSER**  
A PROVEN PRODUCT

## Paint the Perches

Nothing you can do for your flock will pay greater dividends.

## Patented Formula

Spreads Farther - Lasts Longer

Apply in the fall or by all means before brooding time in the spring. One pint treats 300 to 400 running feet of perches or 450 to 600 chickens.

Price: 2 oz. tubes 35c each, 5 ounce tubes 85c each; Pints \$2.00 each; Quarts \$3.00 each; Gallons \$8.50 each.

2 and 5-oz. pkgs. prepaid.

THE NEW AMERICAN GARDENER No. G-2

A complete garden outfit for all purposes. 1—A plow for trenching; 2—A scuffle hoe or sweep for weeding; 3—A cultivator for breaking up the soil; 4—A mulcher, pulverizer or rotary hoe for pulverizing, killing weeds, stimulating plant growth and leaving a dust mulch to save moisture. It is simple, compact, easy to use and speedy. This single tool will do everything that any other tool or combination of tools will do.

The mulcher attachment is interchangeable with trenching plow. Loosen the hand wheel and turn any one of these tools into position. Fully guaranteed. (For a seeding attachment, we recommend Midget No. 2—described below.)

Price: Complete, \$4.75, not prepaid. Weight, 23 lbs.

4 TOOLS IN 1

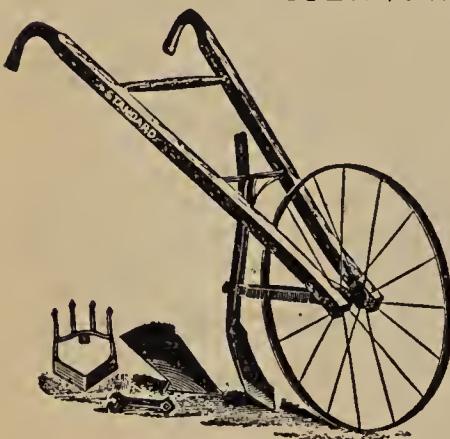
\$4.75  
Complete



"STANDARD" No. 20 SINGLE WHEEL CULTIVATOR—\$3.10

With this tool you can get your money's worth in a few hours' work, whether you have five acres, one acre or a garden only 25 feet square. Has a strong steel wheel 24 inches in diameter, making it work easily and carrying the tool in perfect balance. The handles are quickly adjusted to suit the height of the operator or to regulate the depth desired to run attachments. The equipment includes double end shovel moldboard with landside, combined sweep and rake, (practically 5 tools).

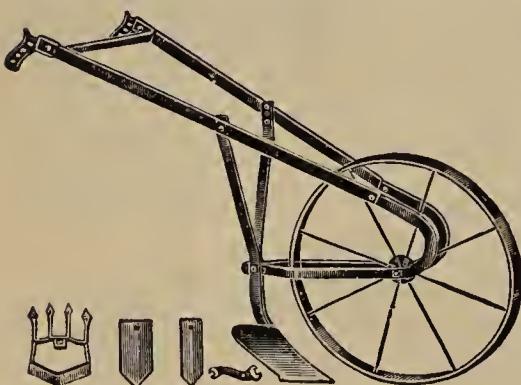
Price: Complete, \$3.10, not prepaid. Weight, 18 lbs.



SPECIAL No. 105 HIGH-WHEEL CULTIVATOR—  
New Low Price \$2.50

A practical all carbon steel cultivator—at a new low price. This cultivator has a wide range of adjustment of handles and attachments to insure ease of operation by a small boy or a large man. The wheel runs on steel bushings. The frame is one inch wide and  $\frac{1}{4}$  inch thick, with easy malleable grips. Wheel is 24 inches—8 spokes with  $1\frac{1}{4}$ -inch heavy rim. Attachments—Moldboard, plow, rake and sweep, 2-inch shovel,  $3\frac{1}{2}$ -inch shovel. Frame painted black—handles green. Price:

Complete, \$2.50, not prepaid. Weight, 25 lbs.

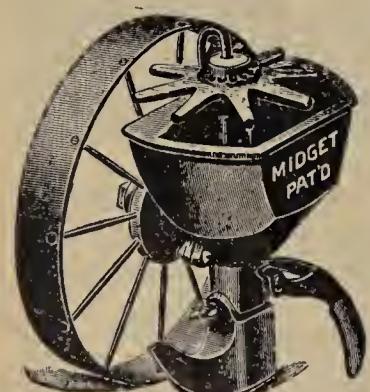


STANDARD MIDGET SEEDER No. 1—

The Gardeners' Favorite—\$2.95

For sowing any kind of seed, from the smallest up to peas, and beans, in any quantity. Will attach with one bolt to any Standard Single Wheel cultivator, or any other Single Wheel cultivator, having  $5\frac{1}{2}$  inches or more space between shank and wheel. Shoe is adjustable for any depth and covers easily. The most popular seeder on the market. Shipping weight, 8 lbs.

Price: Set up, ready to be attached, \$2.95. With handle, \$3.45, not ppd.



STANDARD MIDGET No. 2

This perfect seeding device will hold one quart of seed. It drills accurately all kinds of seeds from radishes to peas or beans, covering at uniform depth and giving an even stand. Use this tool in combination with the new American Gardener and you have a complete outfit that will meet every requirement of your garden from seed time to harvest. An ideal combination with No. G-2.

Price: \$3.95, not prepaid. Shipping weight, 10 lbs.

Ask for Complete Descriptive Catalog of tools in which you are interested.

"TRUE TEMPER" ROTARY MULCHER-CULTIVATOR

A complete outfit—Mulcher, Weed Killer, Pulverizer, Cultivator. Nothing to add—nothing to get lost. Its unique design, high grade quality, durable and attractive finish make it appeal to all users. It is better than most tools of this kind.

The Reel is  $8\frac{1}{4}$  inches in diameter. The knives on the reel are  $2\frac{1}{2}$  inches wide, so formed on the inside as to keep the reel from "digging in" or running deeper than it should in sandy or mellow earth.

The Scuffle Hoe is  $1\frac{1}{2}$  inches wide, made of high carbon steel, sharpened on both edges and polished on both sides.

The Cultivator unit has three oval shovels of carbon steel, nicely polished, each measuring  $1\frac{1}{2}$  inches wide by 7 inches long. They are adjustable for width of row.

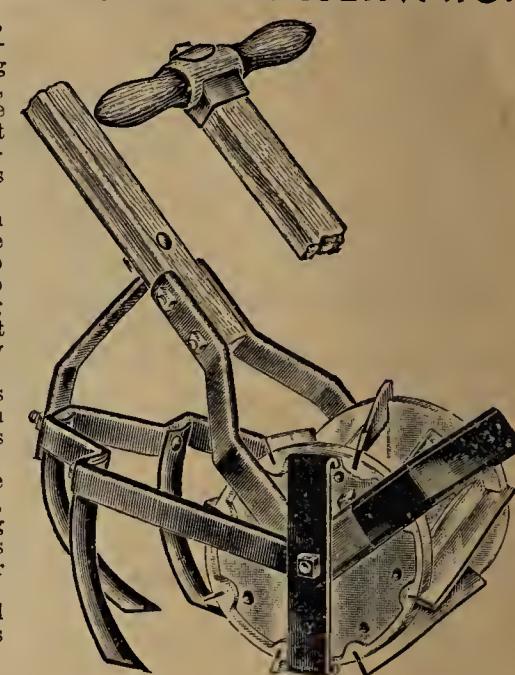
The center shovel sets well back of the other two, thus giving desirable clearance.

The Leaf Guards are self-adjusting and oscillating.

Finished in aluminum, red and green with handle varnished in natural color. Packed in carton, handles separate.

Price: No. T8 $\frac{1}{2}$ , 8 $\frac{1}{2}$  inches cut, shipping weight, 17 lbs., \$4.50. No. T10 $\frac{1}{4}$ , 10 $\frac{1}{4}$  inches cut, shipping weight, 18 lbs., \$4.75.

F. o. b. Faribault.



CYCLONE HAND SEEDER

Grass Seed mixtures cannot be seeded to advantage with the grass seeder attachment to the grain drill because of clogging and uneven work. The Cyclone Seeder is simple, light but strong. It will sow timothy, clover, millet, and grass seeds, as well as flax, wheat, rye, oats, buckwheat, turnips, and fertilizers perfectly even. Any desired quantity, from one quart to three bushels can be sown, per acre. Canvas bag holds one-half bushel seed. Shipping weight, 4 pounds. Price: \$2.00, not prepaid.



ARISTOCRAT ENGLISH GARDEN TOOLS

Just the thing for vegetable and flower gardening—real quality tools. Bright finish, cadmium plated, absolutely rust proof. All wood red tipped handles. Strongly made, yet light and handy for use by women and children.

**ARISTOCRAT HOE**  
Blade  $4\frac{1}{2}$  inches wide,  $3\frac{1}{2}$  inches deep, 16-gauge steel. Handle 48 inches long,  $1\frac{1}{16}$  inch diameter. Weight, 2 lbs. Price: 50c.

**ARISTOCRAT SPADE**  
Blade  $5\frac{1}{4}$  inches wide,  $7\frac{1}{2}$  inches long, 13-gauge steel. Handle 30 inches long. Weight, 3 lbs. Price: 50c.

**ARISTOCRAT RAKE**  
Eight strong teeth, 12-gauge steel. Head 3 inches deep,  $7\frac{1}{2}$  inches wide. Handle 48 inches long,  $1\frac{1}{16}$  inches diameter. Weight, 2 lbs. Price: 50c.

Per Set—3 pieces, one each Aristocrats, \$1.40, f. o. b. Faribault.

NO. 201—STANDARD HEDGE SHEARS

To keep the hedge looking trim—it simply cannot be done without Hedge Shears. The Standard serves dozens of purposes in trimming up trees, shrubs and plants. Has wide bevel blades, ground and polished. Tangs natural finish, bright steel ferrules, case hardened bolt and nuts with lock washer. Mahogany finish, 8-inch blades. Strongly built for years of service—and usually sold at a dollar more than our price. Price: \$1.35, prepaid.



NO. 817—TOOL STEEL PRUNING SHEARS

Every home has a thousand and one uses for pruning shears—shrubs, berry bushes, hedges, trees, plants—all need pruning. You cannot expect your shrubs to thrive or to improve the appearance of your place unless you keep them properly trimmed. Here is a good pruning shears—drop-forged tool steel, tempered blade, guaranteed. Volute spring. Price: 60c, prepaid.



## "HUMANE" DEHORNING PENCIL

### "Humane" Dehorning Pencil

Supplied by Farmers' Supply Co., Minn., and other dealers.

The value of a calf is increased \$2.00 by dehorning. The brutal method of sawing off the horns is obsolete. Check the growth of horns in young calves with our "Humane" Dehorning Pencil. One application does the work, so simple any boy can do it—does not injure the calf, is entirely painless. We absolutely guarantee satisfaction, or refund your money. Each pencil will dehorn from 15 to 20 calves, at a cost of about 4 cents per calf. We have sold "Humane" Dehorning Pencils for many years, and to our knowledge not a single pencil has been returned to us as unsatisfactory. Include one with your order. Price: 50c per pencil, 3 for \$1.20, prepaid.

F. S. & N. Co. Carpenter, Ohio.  
Kindly send one "Humane" Dehorning Pencil at once. Have used different kinds of Dehorning Pencils, but like your "Humane" Pencil the best—it always gives results,  
Sylvester Huston, R. 2, Box 38.

## HOME THERMOMETER

Let this tested thermometer help keep your home comfortable, or keep a check with it on the temperature of the barn or out of doors. There is nothing more useful than a good thermometer and thousands of "Farmer Brand" thermometers are now in use. Price: 25c, prepaid.

## THE NASH MOLE TRAP

Recommended by U. S. Biological Survey, Wash., D. C.  
The Only Trap That Always Catches the Mole in All Kinds of Ground When Properly Set.

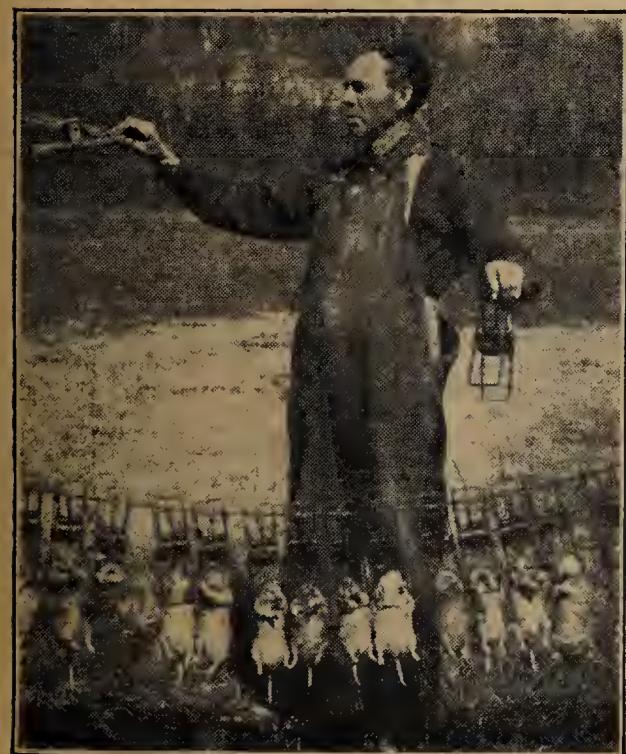
Both the choker wires are made of a single piece of metal, bent to desired form, so that they are held perfectly in place. Springs are made of one piece of best Bessemer spring steel. Clods or stones cannot prevent perfect operation. This trap catches the mole when it comes from either direction, the pan being located between the two choker loops which are sufficiently far apart so the mole in passing will spring the trap and be caught by the loops around the forward spades or flippers. If properly set, you cannot fail with this trap.

Fully guaranteed to give satisfaction or money back. Full directions for setting, also directions for preparing the skins for market, supplied with each trap ordered. Weight, 2 lbs. 2 ozs. Price: \$1.50, prepaid.

## "SURE-CATCH" POCKET GOPHER TRAP

Few farmers realize the losses caused by pocket gophers. Most counties pay bounties to check these farm robbers, but only recently has a trap been brought out that will really get a pocket gopher nine times out of ten. This trap is so simple and effective that the manufacturers back it with an unlimited guarantee to do the work, or you return the trap and get your money back.

The "Sure-Catch" Trap is a little over 9 inches long. Is easy to set—perfectly harmless to handle and fits into the gopher hole, half length. The trap is not covered and the gopher from within trips the trigger as he attempts to cover up the hole. Boys and girls make good money trapping pocket gophers. Price, with full instructions—85c each, 6 for \$4.75, prepaid.



Part of 104 Pocket Gophers caught in one night near Castle Rock, Minn.

## MRS. RITCHIE'S GARDEN BIRDS

Swing  
in the  
Breeze

Brilliant  
Natural  
Colors

Decorative—Desirable—  
Practical

Beautiful, natural appearing Garden Birds. Finished in weather-resisting enamel in life-like colors. Swivel-mounted on 22-inch green enamel steel stake. Attractive in outdoor gardens—in ferneries and flower pots, in solarium or flower nook. Made of heavy steel—life-size—5 varieties shown opposite.

Low Price:  
Each (any variety) prepaid for ..... 20c

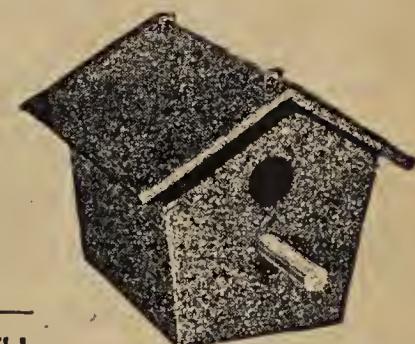
Order a full set.  
5 subjects  
prepaid for ..... 85c

So Life-Like They Attract  
Birds.



## IDEAL WREN HOUSE

This beautiful Bird House is made of wood and completely covered with genuine pearl chips of a dark green color. Very attractive. Has two staples at the top, with small nickel plated chain, so it may be hung easily. One of the most attractive and inexpensive bird houses on the market. Comes packed in individual cartons. Price: 40c, prepaid.



## SUPERIOR PORTABLE BIRD BATH AND FEEDER

Here is something new and something different—this practical and handsome garden accessory will greatly improve the garden and outdoor surroundings of your home.

The raised receptacle in the middle for seed or meat makes it the center of attraction for all the birds in the vicinity.

Made of steel—easily placed or removed. The bowl with food receptacle is one-piece drawn steel, beautifully finished in old ivory enamel, baked and striped with green.

The post is of one inch heavy steel tubing with same finish and comes in two sections which telescope and slip into a socket in the bowl.

Lower section has quadruple pronged solid-steel arrowhead spike—easily pressed into the ground—stands firmly wherever placed. Diameter of bowl 18 inches—height of bath over all, 37 inches—weight 6 lbs. Price: \$1.95. Postage to 3rd zone (300 miles) extra, 20c.



## DAN-D-LION KILLER KEMICAL

KILLER KEMICAL destroys all deep-rooted weeds without injury to the soil. Kills Dandelions, Thistles, Plantain, Buckhorn, and other common weeds. Is not poisonous or inflammable. Does not stain walks or clothing.

KILLER KANE insures easy and economical application. No stooping or back breaking. Place Kane on crown of dandelion or weed and press handle slightly. A small amount of Kemical is released and does all the work.

KILLER KEMICAL is so effective and so easily applied with the KILLER KANE you not only can rid your lawn of dandelions but keep them out even though no effort is made to control this weed pest on neighboring lawns.

PRICES—F. O. B. Faribault:

KILLER KIT (Kane and 1/2 gal. Kemical), weight, 7 lbs., \$1.95.  
Postage on Killer Kit to 3rd zone (300 miles), 22c.

KILLER KEMICAL: 1-qt. can, weight, 3 lbs., 85c; 1/2-gal. can, weight, 5 lbs., \$1.25; 1-gal. can, weight, 9 lbs., \$2.00; 5-gal. can, weight, 42 lbs., \$8.75.

KILLER KANE, weight, 2 lbs., \$1.00. See page 1 for parcel post rates.



# INDEPENDENT SILO

A Few  
Dimes a Day  
Buys an

There's hardly a farmer in the Northwest that doesn't want a silo. Through the cooperation of the Independent Silo Co. of St. Paul—for thirty years one of the most responsible makers of silos in the entire United States—we have worked out a plan whereby you can own whatever type of silo you need, for only a few dimes a day. Write us now—today—for complete information on this most unusual plan. Address me personally: E. J. KIEKENAPP, President, FARMERS SEED & NURSERY CO., Faribault, Minn.

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Citron . . . . .	14	Gladioli . . . . .	37, 41	Raspberries . . . . .	29, 38, 39	Wild Cucumber . . . . .	54			
Clarkia . . . . .	46	Gloxinias . . . . .	41	Rat Poison . . . . .	71, 73	Windbreak Trees . . . . .	32			
Clematis . . . . .	34	Godetia . . . . .	48	Red Top Grass . . . . .	58	Zinnia . . . . .	25, 40, 54			



**Have you included postage to cover items not prepaid?**

**Please write any letters or questions you wish us to answer, on a separate sheet of paper, with your full name and address. Names of friends desiring a catalog always welcome.**

# "MASTER CHICKS" Order Blank » »

## OUR "MASTER CHICK" REPLACEMENT GUARANTEE

We guarantee 100% live delivery. All Chicks that die in the first week will be replaced at half price, if the loss is reported at the end of the week. All Chicks that die within two weeks will be re-placed at three-fourths the regular price, provided a report of the loss is mailed to us at the end of two weeks. The replacement Chicks need not be re-ordered within two weeks—just report your loss within that time, and order them whenever you are ready for more Chicks. We cannot be responsible for accidents or losses due to negligence.

FARMER SEED & NURSERY CO., DEPENDABLE SINCE 1888 Faribault, Minnesota

Please send me the following Baby Chicks—to arrive about .....  
(Date) \_\_\_\_\_

Name ..... .

Street ..... or Route ..... Box .....

Town ..... State .....

QUANTITY	NAME OF VARIETY	PRICE
.....	.....	.....
.....	.....	.....
.....	.....	.....
.....	.....	.....

SEE  
OTHER SIDE  
FOR PRICES



Do not write in this space.

Compliance Certificate  
No. 13871

Remittance  
Enclosed

\$.....

Send  
C.O.D.

# YOU NEED NOT SEND ONE CENT with this order for "MASTER QUALITY" CHICKS

« You Can Now Order Baby Chicks C.O.D. Postage Paid! »

You can raise "Master Quality" Chicks with the same gratifying results you have experienced in growing "Master Farmer" Seeds. These are guaranteed Chicks—the kind that live and lay. They will please you as they have pleased others.

We do not consider cheap Chicks, because they prove to be expensive in the end. However, we are able to furnish "Master Quality" Chicks at reasonable prices. Read our replacement guarantee on other side of this page.

## NO MONEY NEEDED!

We ship C. O. D. so you can place your order early and have Chicks arrive when wanted. You need not send one cent with your order, but send your order early to avoid disappointment.

## HERE ARE THE BREEDS YOU WANT

All healthy, husky Chicks, and you can make no mistake by ordering now. Use the order blank on other side of this page. All Chicks are shipped direct from hatchery to you, carrying charges prepaid. No money down.

### "MASTER QUALITY" PUREBREDS

NAME OF VARIETY	25	50	100	500	1000
	Chicks	Chicks	Chicks	Chicks	Chicks
Barred Rocks	\$2.75	\$4.35	\$7.95	\$38.50	\$75.00
White Rocks	2.75	4.35	7.95	38.50	75.00
Buff Orpingtons	2.75	4.35	7.95	38.50	75.00
Rhode Island Reds	2.75	4.35	7.95	38.50	75.00
White Wyandottes	2.75	4.35	7.95	38.50	75.00
White Giants	3.25	5.25	9.95	47.50	92.50
Black Giants	3.00	5.00	9.85	45.00	87.50
Light Brahma	3.00	5.00	9.85	45.00	87.50
White Leghorns					
Big Type (English)	2.50	3.95	7.75	37.50	74.00
Heavy Mixed	2.25	3.90	7.50	37.00	73.00

We will furnish prices upon request for thirty different varieties. List the breeds and amount wanted when writing for prices.



### "SEXED CHICKS"

#### Purebred Day-Old Pullets or Cockerels

We can supply any of the listed Purebred "Master Quality" Chicks in either sex as follows:

	25	50	100	500
	Chicks	Chicks	Chicks	Chicks
Cockerels—Day Old	\$3.00	\$5.50	\$9.50	\$45.00
Pullets—Day Old	5.00	8.50	15.00	72.00

We guarantee 90% true to sex on purebreds. Should we fail to select the sex for less than the 90%, we agree to refund one-half the price you paid for those that are off sexed. Compliance Certificate No. 13871.

When ordering Heavy Mixed list two or three choices and we will try to give you the kind you prefer if possible.

# Superior Quality Vegetables

## 83—Extra Early Winesap Beet

Exceptionally early, of fine flavor and very tender. Pkt., 8c; oz., 15c; 1/4 lb., 40c; 1 lb., \$1.25, prepaid. See page 4.

## 166—Super Snowball Cauliflower

An extra early strain, matures 52 days from setting out plants. No finer quality obtainable. Pkt., 20c; 1/4 oz., 70c; 1/2 oz., \$1.20; 1 oz., \$2.10, prepaid. See page 7.

## 382—Winter Watermelon

Here's an extra sweet, luscious watermelon for your Thanksgiving dinner, from your own garden! Will keep for two months. Pkt., 8c; oz., 12c; 1/4 lb., 40c; 1/2 lb., 65c; 1 lb., \$1.20, prepaid. See page 14.

**THESE ARE MONEY MAKERS FOR MARKET GARDENERS — Ask For Special Price List.**

No. 83



No. 166

## 250—"Farigold" Pop Corn

Pops to huge, rich, golden, butter-colored kernels. Unusual flavor, crisp and tender. Pkt., 8c; 1/2 lb., 25c; 1 lb., 40c, prepaid. See page 10.

This Collection may also be had through your local dealer.



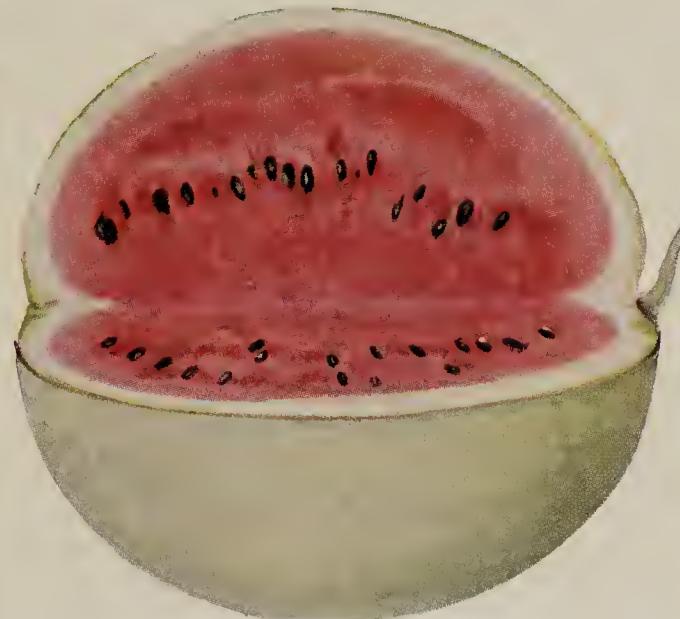
No. 250

## 357—Honey Rock Muskmelon

Sweet as sugar, solid as a rock and easy to grow! Pkt., 8c; oz., 18c; 1/4 lb., 45c; 1 lb., \$1.50, prepaid. See page 13.



No. 357



No. 382



## 229—Spanish Gold Sweet Corn

A delicious, golden, butter-colored sweet corn which matures exceptionally early. Pkt., 8c; 1/2 lb., 25c; 1 lb., 40c, prepaid. See page 9.



No. 531

## 531—Fire Cracker Radish

Bright red, cylindrical shape. Crisp and tender as Icicle. Does not become woody. Pkt., 8c; oz., 12c; 1/4 lb., 25c; 1 lb., 85c, prepaid. See page 21.

## 21—"Tendergreen" Stringless Bean

So tender and snappy it fairly melts in your mouth! A round, fleshy, dark green pod, strictly stringless. Pkt., 8c; 1/2 lb., 20c; 1 lb., 35c, prepaid. See page 2.

## SPECIAL OFFER Collection B

Your choice of six 8c pkts. for 40c.

### ENTIRE COLLECTION B

8 pkts, one of each.  
Total value, 76c,  
prepaid for . . . . . **60c**



No. 21



## Moneymakers for 1935

### REGISTERED GRIMM and COSSACK ALFALFA

The hardiest northern-grown strains — always dependable. Bigger yields and quality crops are certain with "Master Farmer" seed. See page 59.



### REED CANARY GRASS (*Phalaris arundinacea*)

Six to ten tons of hay per acre from worthless swamp land. The same performance year after year without reseeding. The same seed crop on top that pays taxes on the entire farm. That's the record of Reed Canary Grass. Order early. Seed supply limited. See page 58.

### F. S. & N. CO.'S "IDEAL" SILO CORN

Look for the "Master Farmer" Tag on every bag.

Only half the usual acreage needed to fill a silo. Resists drought and produces an abundance of fodder where other varieties fail to thrive. Matures several large ears per stalk. A proven money maker, outselling all other varieties. For first-hand facts see page 68.



**Farmer Seed & Nursery Co. Faribault, Minn.**